

EXISTING TECHNOLOGIES - WE CAN BE MORE MODERN - QUALITY
ECONOMIC IMPERATIVE - MODERNISATION - ADVANTAGES
PROFITABLE INVESTMENT - SOLUTIONS - OPPORTUNITY

SOLARIMPULSE FOUNDATION



Solar Impulse Foundation Activity Report 2024

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ALLOWING SAVINGS - DIVERSIFICATION - MODERN REGULATIONS
EXISTING TECHNOLOGIES - EFFICIENT INVESTMENT - OPPORTUNITY
WE CAN BE MORE MODERN - QUALITY ECONOMIC IMPERATIVE
MODERNISATION - PROFITABLE INVESTMENT - SOLUTIONS
OPPORTUNITY - NEW PROFESSIONALS - CHALLENGING
CURRENT GENERATIONS - ADVANTAGES - SHORT TERM BENEFITS
EFFICIENCY - MODERN REGULATIONS - LOGICAL
THIS IS HOW TO ACT NOW - NEW BUSINESS OPPORTUNITIES

**Solar Impulse
Foundation**
Activity Report
2024 —

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MESSAGE FROM BERTRAND PICCARD

Chairman of the
SolarImpulse Foundation

At a time when some governments are pulling back on climate action, it is more important than ever to highlight the concrete benefits of sustainability – a meaningful modernisation of our societies that goes far beyond its positive externalities for the climate.

In this context, the Solar Impulse Foundation continued its mission in 2024 with renewed determination: to demonstrate that environmental protection and economic performance can and must go hand in hand. This year, we have once again worked on several fronts: expanding our portfolio of certified solutions, increasing their visibility among stakeholders who can adopt or finance them, and continuing to inspire decision-makers and citizens alike with our pioneering spirit.

Major activities were carried out thanks to the support of our partners. The City of Tomorrow exhibition in Brussels enabled more than 70,000 visitors to discover concrete solutions for accelerating the urban transition. The Pioneers Forum, a signature event destined to become annual, brought together innovators, adopters and institutions around a common vision shaped by the Solar Impulse Foundation, with the threefold objective of 'Inspire – Connect – Celebrate'. And our manifesto Europe 3.0 – Modernise to Thrive, launched at the heart of the European institutions, called for a more efficient and competitive Europe.

Internationally, we strengthened our presence and impact. At COP29, we co-presented 'Double Down, Triple Up, 20 Solutions in Action,' a collection of 20 concrete solutions with the Global Renewable Energy Alliance. We also initiated strategic collaborations with the United Nations Environment Programme and the COP28 Presidency to bring about targeted action

coalitions in the field of construction and, more broadly, in the deployment of clean technologies in Southern countries.

Accelerating the energy transition cannot be achieved without robust financing mechanisms. That is why we have worked to develop a joint initiative with the European Investment Bank (EIB) and the European Commission: the Energy Efficiency Initiative for SMEs, announced at COP29, which will increase the deployment of efficient solutions at the European level in the coming years.

Beyond the Foundation's extensive groundwork, one of this year's flagship achievements was the launch of Climate Impulse, a pioneering project developed with Syensqo and Mohammed VI Polytechnic University/OCP Group as main partners, aiming to complete the first non-stop, emission-free round-the-world flight in a green hydrogen-powered aircraft. More than a technological feat, Climate Impulse embodies our ambition to reconcile innovation, emotion and climate action. It is a powerful symbol of a desirable future built on concrete solutions, cooperation and boldness. The Foundation is responsible for communicating this project, which is a source of income for our organisation and, above all, a major opportunity to showcase the Foundation's fundamental work. This initiative, in partnership with industrial leaders such as Syensqo and OCP Group, illustrates our desire to push the boundaries of innovation to demonstrate the potential of clean technologies in sectors that are traditionally difficult to decarbonise.

More than ever, in a world facing urgent challenges but also rich in solutions, our mission is to make the impossible possible. And to prove, through action, that the ecology of tomorrow will also be one of profitability, employment and shared progress.

A NEW STRATEGIC DIRECTION

A NEW STEP TOWARDS AMBITION 2030

2024 marked the first year of implementation of the “Ambition 2030” strategic direction adopted at the end of 2023. By focusing on a global reach for both the solutions labelled and the partners engaged, by enhancing sectoral specialisation and means to spur solutions’ deployment, and by developing new vectors to mobilise resources, the Foundation achieved decisive milestones in its action.

Cap global Acceleration and expansion

In 2024, we focused on implementing the strategic foundations laid in 2023. Key updates were made to the labelling process to streamline the application for the Efficient Solution Label.

The submission form was split into two parts: an initial, shorter form for Solutions to be added to the portfolio, followed by a more comprehensive submission for those seeking the full certification. This two-step approach enables faster onboarding and aligns with CAP Global's goal of providing a seamless yet rigorous review process.

This year, we significantly expanded our Solution Explorer by incorporating 80 non-technical solutions – encompassing frameworks, policy guidelines, and best practices – to support sustainable shifts across both social and systemic dimensions. These additions establish the Solution Explorer as a trusted resource for both technical and social solutions. Building on this, we set the groundwork for collaborations aimed at growing the non-technical portfolio, a critical step in broadening our impact.

To strengthen our scouting capabilities, we integrated AI tools into our internal processes to enhance the team's expertise in identifying top-tier cleantech innovations, effectively responding to the growing demand from both private and public sectors. Additionally, we launched a co-labelling scheme to create sector-specific labels in partnership with leading organisations. These collaborations add a deeper layer of specialisation to our existing Efficient Solution Label, enhancing its relevance and impact within targeted sectors. A highlight of this initiative was the launch of the Ocean Solution Label in collaboration with the Sustainable Ocean Alliance in December 2024, marking a significant step in advancing ocean health solutions through sustainable, profitable innovations. Looking ahead to 2025, we aim to expand co-labelling partnerships and further increase our portfolio's reach and impact. We are also revamping the Solution Explorer to enhance its usability and value as a smart tool for discovering innovative, impactful solutions.

- > **FASTER LABELLING: TWO-STEP APPLICATION FOR QUICKER, RIGOROUS ONBOARDING.**
- > **SOLUTION EXPLORER EXPANDED: +70 NON-TECHNICAL SOLUTIONS TO BOOST IMPACT.**
- > **SECTORS CO-LABELS: LAUNCHED OCEAN SOLUTION LABEL; DEEPENED SECTOR FOCUS.**

Cap make them land Strengthening strategic partnerships

In line with its agreed strategy, the Solar Impulse Foundation enhanced its sectoral focus, both on energy efficiency and on the built environment sector (construction and renovation). This work aims to mobilise stakeholders from the Foundation's ecosystem and bring visibility and deployment opportunities to solutions. 2024 was an eminently collaborative year, with a joint publication with the Global Renewables Alliance to showcase "Solutions in Action" in both renewables and energy efficiency, the lead on a working group of the Global Alliance on Buildings and Construction (initiated by the UN environment programme) focusing on solutions deployment, and a partnership with the European Investment Bank (EIB).

On the latter, both organisations launched an ambitious initiative to accelerate the adoption of energy efficiency solutions by small and medium-sized enterprises (SMEs) across Europe. This partnership, announced at COP29 in Baku, aims to bridge the gap between clean innovation and implementation by connecting

EIB's financial and technical support instruments with SIF's global portfolio of labeled, credible, and profitable energy efficiency solutions. The goal is to empower SMEs – often underserved in the energy transition – with the ability to adopt energy-efficient technologies in a seamless way, reducing emissions while improving competitiveness. As-a-service business models will feature prominently in the operations of this initiative

“We will go nowhere if we try to protect the environment by threatening human comfort, mobility and economic development.”

Bertrand Piccard

How it began



BERTRAND PICCARD'S VISION

Bertrand Piccard was among the first to consider ecology through the prism of the economy, encouraging the implementation of efficient technological solutions to protect the environment and improve quality of life. In the early 2000s, Bertrand's dedication emerged from a solid conviction: climate change can only be tackled through the lens of profitability and popular endorsement. He shared his vision through a Manifesto in which he defined the symbolic and political scope of the Solar Impulse project. His global circumnavigation in a solar airplane, 43,000 km without using any fuel, carried this message and demonstrated the immense potential of renewable energies and clean technologies.



RECONCILING ECOLOGY AND THE ECONOMY TO ACHIEVE QUALITATIVE GROWTH

1. Highlight the solutions instead of the problems
2. Stop threatening human mobility, comfort and economic development in order to protect nature
3. Speak of profitable investments instead of expensive costs:
4. Offer both rich and poor countries a share in the returns on investment
5. Refrain from setting goals without demonstrating how to reach them
6. Combine regulations with private initiative
7. Act in the interest of today's generation and not only for future generations

2004 —

FIRST ROUND-THE-WORLD FLIGHT



THE CREATION OF THE FOUNDATION

The Solar Impulse Foundation was created to add an educational angle to the flight-around-the-world project and to raise public awareness about the importance of clean technologies and renewable energies.

More than a revolutionary aircraft capable of flying through day and night without fuel, Solar Impulse highlighted the enormous potential of renewable energy production and energy efficiency. A powerful demonstration of how clean technologies can give our planet a more sustainable future.

2004-2016 —



“A giant step forward that sends a strong message to the entire world.”

Ban Ki-moon, UN Secretary General

Looking Back

“Thousands of solutions exist that can preserve nature while boosting economic growth, but they are often hidden in start-ups or research labs. They remain unknown to decision makers and are not implemented at industry level.”

Bertrand Piccard

THE 1,000 SOLUTIONS CHALLENGE

At COP22 in Marrakech, Bertrand Piccard set the challenge for the Solar Impulse Foundation to identify at least 1,000 Solutions capable of protecting the environment in a financially profitable way in order to accelerate the transition to a carbon-neutral economy. Five years later, in April 2021, the challenge was completed and the Foundation hasn't stopped labelling since.

“Initiatives like selecting 1,000 Efficient Solutions are exactly what we need to further enable investors, governments, cities and citizens to harvest the rich variety of clean technologies, that already exist or are under development, and accomplish the goals of the Paris Climate Change Agreement and all the Sustainable Development Goals to catalyse a healthy and prosperous future for all.”

Patricia Espinosa,
Executive Secretary, UNFCCC

WORLD ALLIANCE for EFFICIENT SOLUTIONS

by _____
**SOLARIMPULSE
FOUNDATION**

“Europe is committed to a clean energy transition. But this can only happen if we break down silos, if all those who share this commitment work together and focus on tangible and efficient solutions. That is why I support the World Alliance.”

Maroš Šefčovič,
former Vice-President,
European Commission

2016



2017

The World Alliance for Efficient Solutions was created at the initiative of Bertrand Piccard and the Solar Impulse Foundation to federate the main actors in the fields of sustainability and clean technologies. This global network gathers Innovators, investors and decision-makers around a pool of solutions ready to be promoted and implemented to achieve environmental targets.

SOLAR IMPULSE EFFICIENT SOLUTION LABEL

Thanks to a rigorous assessment performed by external, independent Experts, the “Solar Impulse Efficient Solution” Label is the only evaluation available today that guarantees the economic profitability of products and processes that protect the environment. Considered a recognition for Innovators and a credible trademark of quality for governments and companies, it enables decision-makers to find efficient solutions to meet their environmental commitments.



A LABEL FOCUSED ON BOTH
 THE ENVIRONMENT AND PROFITABILITY
 IN THE FIELDS
 OF WATER, ENERGY, MOBILITY,
 INFRASTRUCTURE, INDUSTRY
 AND AGRICULTURE.

LABEL CREDIBILITY

Ernst & Young supports the Solar Impulse Foundation in defining and reviewing targets, operational modalities, and the selection criteria. EY assessed the appropriateness of the standards of the Label regarding its relevance, its exhaustiveness, its reliability, its objectivity and its clarity.



LABEL RECOGNITION

This powerful tool to facilitate the emergence of efficient solutions has received global support from institutions such as the UNFCCC, the European Commission, the International Renewable Energy Agency (IRENA), the International Energy Agency (IEA) and many others.



The Solar Impulse Efficient Solution Label, introduced in 2018, is a dynamic and continually evolving process designed to accurately mirror shifts in the Cleantech sector. While the fundamental principles persist – awarding the Label to products, services, or processes that combine credible environmental and economic performance, while outperforming the mainstream options in its market – the label undergoes annual updates to its standards. These revisions are driven by internal assessments, engagements with pertinent stakeholders, including experts and innovators, and collaborations with members of our World Alliance network who implement Cleantech & innovation selection processes, such as those within the EU Horizon 2020 framework. The audit, conducted in collaboration with EY, plays a crucial role in fine-tuning the eligibility criteria, ensuring both quality and the overall credibility of the evaluation process. This iterative approach allows us to stay at the forefront of advancements in the Cleantech space while maintaining the integrity of our evaluation framework.

ENGAGING AT INTERNATIONAL FORA

A continuous advocacy effort has been led the Foundation to build strong relationships with key political stakeholders and to position Bertrand Piccard as a key thinker on topics related to ecological transition. Appointed Champion of the Earth and UN Goodwill Ambassador for the Environment, Bertrand Piccard has become an influential voice heard within the most distinguished institutions across the globe over the years.



SPECIAL ADVISOR TO EUROPEAN COMMISSION VICE-PRESIDENT MAROŠ ŠEĀČOVIĀ

After several years of engaging with the European Commission at the highest levels, Bertrand Piccard was selected to advise Vice-President ŠeāĀoviĀ on emerging mega-trends affecting the EU, with a focus on decarbonisation and circular economy. As a Special Advisor, he also contributes to brainstorming on strategic foresight priorities, in particular those related to the green transition and challenges of sustainability. Vice President ŠeāĀoviĀ has a broad mandate within his role in the current administration, including leading on interinstitutional relations, better policymaking and strategic foresight.



2019-2020



PRESENT AT THE G7 SUMMIT IN BIARRITZ

Selected by the French government to speak at the 45th G7 meeting in Biarritz, Bertrand called on heads of state to adopt courageous policies to counter the climate crisis. Bertrand Piccard's intervention reflected his work with the One Planet Lab, and focused on the advancement of clean mobility and decarbonising the transport sector.

JUNE 2020

REACHING 1,000 SOLUTIONS

On April 13th, 2021, after more than five years of outreach, reviews, coordination, and precious collaboration with independent Experts, we crossed the line of 1,000 labelled Solutions from across the world. The critical mass brought together with this pool of over 1,000+ solutions provides a unique resource to give political and economic decision-makers the tools to adopt much more ambitious energy and environmental policies.

APRIL 2021

SolarImpulse
Foundation
#beyond
1000
solutions

“*These 1,000 Efficient Solutions turn the challenge of our century into a historic opportunity. They provide concrete responses to immediate issues and allow us to work towards a sustainable future together.*”

Florent Menegaux, CEO of Michelin

MAY 2021

THE FUNDS ANNOUNCEMENT

The Foundation announced the launch of two investment funds that plan to invest a combined EUR 350m in some of the 1,000+ clean solutions identified and labelled by the Foundation. The initiative was a next strategic step, following the 1,000 solutions announcement, to prove that the protection of the environment is profitable.

 **Rothschild & Co**

 **Air Liquide**

 **BNP PARIBAS**

- > SUPPORTING THE CREATION OF TWO INVESTMENT FUNDS, A GROWTH & BUYOUT STRATEGY WITH ROTHSCHILD & CO AND AIR LIQUIDE, AND A VC STRATEGY WITH BNP PARIBAS STRATEGY WITH BNP PARIBAS

THE SOLUTIONS EXPLORER

The Foundation launched the Solutions Explorer – a dynamic, free-access database showcasing at that time more than 1,300 clean and profitable Solutions from all over the world. It was presented at COP26 during three live web series.



OCTOBER 2021 —

IT INTRODUCES FIVE NEW USER-FRIENDLY SEARCH-FILTERS TO QUICKLY IDENTIFY WHAT THE USER IS LOOKING FOR:

- > SECTORS
- > CLIENTS
- > APPLICATIONS
- > ENVIRONMENTAL BENEFITS
- > TECHNOLOGIES



COP26

COP26 was the first opportunity to engage with decision-makers since we had reached our target of 1,000 labelled Solutions. We succeeded in meeting with a great many of them over the course of the two weeks, including Prime Minister Narendra Modi of India. We heard of the challenges they face to combat climate change, and the support that these solutions could bring, recognising that their existence – clean and profitable solutions – served as an argument in favor of taking ambitious action.

NOVEMBER 2021 —

THE FIRST 'SOLUTIONS GUIDE'

Scotland's situation presenting an interesting case study of a country, with an evolving economy dedicated to a just ecological transition, pushed us to select the Scottish climate change plan as a source from which to write a first Guide. This Solutions Guide was a first step in accompanying public authorities and businesses on their path to net-zero by highlighting specific innovations which could be incorporated into their climate strategies.



JUNE — SEPTEMBER 2022 —

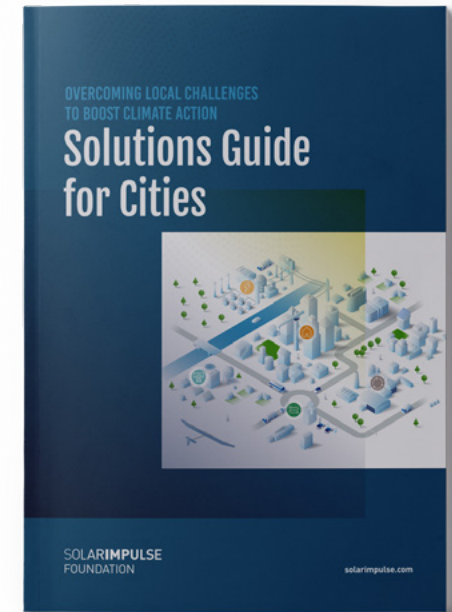
THE 'PRÊT À VOTER' INITIATIVE

The Solar Impulse Foundation believes that creating an economy that is both logical and ecological requires recognising the value of clean and efficient technologies. Neglecting this can hinder the ecological transition. To address this, in 2022, the Foundation launched the "Ready to Vote" initiative, aimed at modernizing France's legal and regulatory framework. It provided 50 vote-ready recommendations based on innovative solutions to align laws with technological advancements. These recommendations span nine key themes, from energy to circular economy. The initiative involved sharing these proposals with incoming members of the French National Assembly, aiming to influence future legislative agendas. This marked the Foundation's first foray into the legislative arena, with plans to continue such efforts in 2023, ultimately striving to expedite positive change for our planet.

MARCH — NOVEMBER 2022

THE 'SOLUTIONS FOR CITIES' INITIATIVE

With over 1,400 efficient solutions already identified, the focus is now on their application in urban contexts, recognising cities' pivotal role in mitigating climate change. Officially released at COP27, the Solutions Guide presents a compilation of clean and profitable labelled solutions and implementation case studies in the following areas : energy, water, construction & infrastructure, mobility and waste . The guide, along with an online platform, addresses 50 common challenges faced by cities in adopting clean and efficient solutions. It is designed to help and inspire urban centers - mayors, city planners, public administrations, companies, and citizens - to quickly build and implement effective decarbonisation programs, proposing solutions that enable decision makers to harness the economic opportunities presented by the ecological transition while simultaneously reducing their environmental footprint. Furthermore, the guide includes systemic enablers, recognising the need for additional measures alongside technology adoption. These encompass integrating green public procurement criteria, fostering collaboration between city administrations and businesses, unlocking public finance, and embracing innovative financing mechanisms to facilitate long-term shifts essential for the ecological transition's success.



“If most of our problems are concentrated in cities, so are the solutions. If we manage to decarbonise cities, reduce their energy consumption, and minimise their waste, we are already making huge strides in the fight against climate change. The ecological transition is possible now – let’s start with the biggest challenge, let’s start with our cities.” **Bertrand Piccard**



“PRÊT À VOTER CH” INITIATIVE

The “Prêt à Voter Switzerland” initiative by the Solar Impulse Foundation represents a critical step toward aligning Switzerland’s legal framework with the advancements in clean technology. Building on the momentum from the successful climate law referendum, the initiative offers a comprehensive set of 27 legislative proposals, developed in collaboration with innovators and legal experts, to facilitate the rapid adoption of sustainable solutions. These proposals target key sectors such as transport, energy, and industry, which are responsible for the majority of Switzerland’s carbon emissions. By addressing regulatory barriers and modernising outdated norms, “Prêt à Voter” aims to unlock the economic and ecological benefits of these innovations. The initiative not only seeks to reduce emissions and improve public health but also to position Switzerland as a leader in the global ecological transition. Through continued collaboration with parliamentarians and stakeholders, the Solar Impulse Foundation is committed to driving these proposals forward, ensuring they play a pivotal role in shaping the country’s sustainable future.

JUNE 2023

SEPTEMBER 2023

EXHIBITION “VILLE DE DEMAIN” CITÉ DES SCIENCES – PARIS

The “Ville de Demain” exhibition, hosted by the Cité des sciences et de l’industrie in Paris from September 20, 2023, to January 7, 2024, is a groundbreaking exploration of clean and profitable solutions designed to address the urgent challenges of urban sustainability. As a flagship project of the Solar Impulse Foundation, it aims to bring identified and labelled Solutions to the public, inspiring everyone by demonstrating how clean technologies and sustainable practices can transform our cities into cleaner, more efficient, and more livable spaces. By presenting practical solutions across various sectors such as energy, water management, construction, and mobility, “Ville de Demain” serves as a beacon of hope and a call to action for a collective effort toward a sustainable future.



NOVEMBER 2023

WORLD ALLIANCE SUMMIT

In November 2023, the World Alliance for Efficient Solutions hosted a Summit at La Cité des Sciences, bringing together over 200 participants for a dynamic exchange of ideas. The first day focused on Access to Market and Capital, featuring the Pioneer Awards and fostering extensive networking, with around 200 business meetings taking place. The second day emphasised advocacy and the role of clean technologies in economic development. The Summit concluded with the launch of RUNWAY, aimed at connecting innovative solutions with investors.



RUNWAY

Convinced by the potential of its portfolio of labelled solutions, the Solar Impulse Foundation launched RUNWAY, a platform to catalyse matchmaking between efficient solutions and impact investors looking to support the Sustainable Development Goals in November 2023. RUNWAY enables labelled companies to efficiently share their capital needs with our network, and aims to facilitate access to capital for climate innovations.

- > MORE THAN 1.4 BILLION RAISED BY 100 LABELLED SOLUTIONS IN 2023
- > A NETWORK OF 200+ INVESTORS



DECEMBER 2023



THE NEW CLIMATE NARRATIVE (COP28)

Despite the efforts undertaken since the Earth Summit in 1992 to protect the environment and fight against climate change, the situation has continued to worsen. It's clear that presenting environmental protection as difficult, expensive and sacrificial for the economy, mobility and comfort has not motivated many. It is therefore imperative to devise a new narrative and replace the one that has not worked in the past. Since November 2023, the Solar Impulse Foundation has been advancing "The New Climate Narrative," reframing climate action as an opportunity for economic growth and improved quality of life. Launched at COP28, this initiative, led by Bertrand Piccard, highlights over 20 innovative narratives to climate solutions. It has garnered support from global leaders, including the Belgian Prime Minister and former Secretary of State for the United States of America, John Kerry.

“My vision of the ecological transition is a peaceful and unifying one, yet we are still talking of carrying out a revolution.”

Bertrand Piccard

Milestones

2024



EUROPE 3.0. MODERNISE TO THRIVE!

In view of the 2024 EU elections, the SIF has published a Manifesto (Europe 3.0: Modernise to Thrive!) with the objective to influence new policy-makers (EU Commission and EU Parliament) to accelerate the transition and operate a paradigm shift, from a quantitative linear economy to a qualitative circular one, and based on efficiency.

The SIF organised an event to launch the report, in presence of EU Commission Vice-President and Commissioner for the Green Deal Maros Sefcovic, Ilham Kadri, MEP Niels Fuglsang, Belgian minister for Mobility Georges Gilkinet and Belgian activist Chloé Mikolajack. The event had a nice media coverage in the Belgian press.

The Manifesto was distributed in most important DGs, in EU Parliament as well as Permanent Representations to the EU. It was presented to several Commissioners (Schmidt, Schinas, Sefcovic) and Director-Generals (Florika Fink-Hooijer (DG ENVI), Marc Lemaitre (DG RTD), Ditte Juul-Joergensen (DG ENER), Magda Kopczyńska (DG MOVE)), as well as to President Michel advisor Mr Rudi Volders.

A special session has also been organised by DG CLIMA to present the Manifesto to their staff.

EXHIBITION CITY OF TOMORROW - BRUSSELS

Following its success in Paris, the City of Tomorrow exhibition by the Solar Impulse Foundation will be at Tour & Taxis from 2 September 2024 to 10 January 2025. Through an interactive trail, visitors can explore over 1,000 practical solutions for sustainable cities – covering energy, water, housing, mobility, and more – highlighting how clean technologies can drive both environmental and economic progress.



SEPTEMBER 2023

PIONEERS FORUM 2024

The 2024 Pioneers Forum gathered 400+ participants for a day of impactful exchanges, including 315+ B2B meetings and the celebration of five Pioneer Awards. As the Solar Impulse Foundation's flagship event, it showcased real-world implementation of clean, efficient solutions across sectors. Highlights included Bertrand Piccard's keynote, the launch of the PACCT White Paper on Product as a Service, and a high-level panel on Europe's clean industrial future. The forum reinforced the urgent need to scale proven solutions and accelerate the ecological transition through innovation and collaboration.



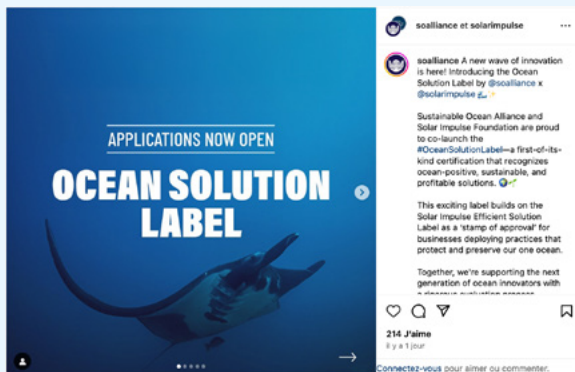
OCTOBER 2023

MAY 2023

CO-LABELLING STRATEGY FOR THE EFFICIENT SOLUTION LABEL

To address increasingly sector-specific sustainability challenges, we introduced a co-labelling strategy that builds upon the existing Efficient Solution Label by joining forces with leading organisations across key industries. Our first co-label, the Ocean Solution Label, developed with the Sustainable Ocean Alliance, certifies solutions that positively impact ocean health. These collaborations leverage our rigorous certification process, adding specialized expertise from industry leaders to broaden the scope, credibility, and visibility of labelled solutions. This strategy allows us to expand the reach of the Efficient Solution Label into targeted sectors, driving systemic change while meeting the unique demands of diverse industries for clean and profitable solutions.

OCTOBER 2023



NOVEMBER 2023



ENERGY EFFICIENCY INITIATIVE

This year, the Solar Impulse Foundation launched a major initiative to scale energy efficiency for SMEs – key contributors to EU emissions but often hindered by financial and technical barriers. In partnership with the European Investment Bank and the European Commission, the initiative was announced at COP29 and will pilot financing models starting in 2025. A core innovation is “servitisation,” which offers energy efficiency as a service, removing upfront costs. The Foundation brings its network and expertise to help SMEs adopt clean technologies and support the EU’s climate and energy goals.

DECEMBER 2023



MEDIA IMPACT

For this 2024, there were several exciting initiatives to share with the press and their audience. According to the numbers provided by the media platform, Meltwater, the Solar Impulse Foundation has been featured in 2,440 articles equivalent to 7 publications per day. During this year, Bertrand Piccard, Initiator and president of the Solar Impulse Foundation, provided more than 170 interviews to the press for online, radio, print and TV publications. We appreciate the impact that many of these T1 media articles have created a wave of T2- T3 media publications which further amplify our message.

2024 Activities

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INFLUENCING DECISION-MAKERS

In 2024, the Solar Impulse Foundation deepened its engagement with public and private decision-makers to accelerate the adoption of clean, efficient solutions. This collaborative work (notably with the Global Renewables Alliance, with UNEP's Global ABC) helped reach new audiences and solidify the Foundation's positioning. By participating in major policy forums, publishing targeted position papers, and contributing concrete solutions to regulatory discussions at national and European levels, the Foundation helped shape a more innovation-driven, opportunity-focused narrative around ecological transition. This advocacy work reinforces our belief: when efficiency is placed at the heart of decision-making, sustainability becomes both achievable and desirable.

NYC Climate Week

For the first time, SIF attended Climate Week NYC, exploring new opportunities and connections. Climate Week NYC is one of the most important gatherings in the global climate calendar, providing a platform to influence policy, drive business action, and accelerate the transition to a sustainable future.

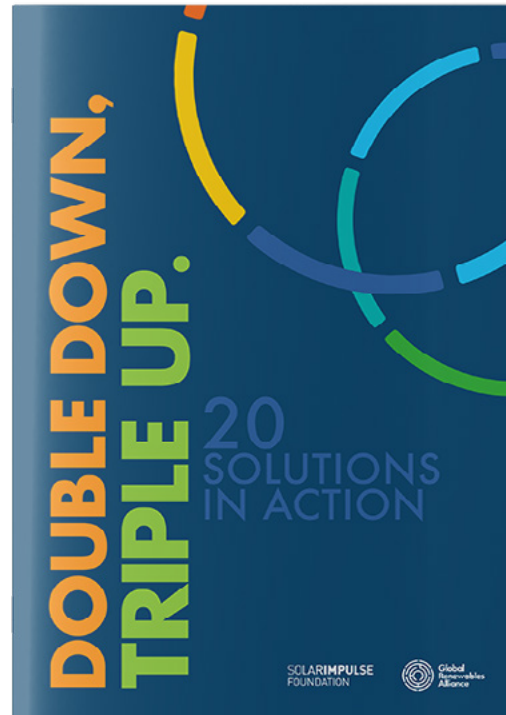
Bertrand Piccard's participation offered the chance to reinforce the Foundation's positioning on energy efficiency, tease our Efficiency-as-a-service business model, while also positioning us on the hydrogen scene by sharing the vision of Climate Impulse. Through strategic dialogues, roundtables, and engagements with thought leaders, we connected with a new audience we hadn't fully engaged before. Key stakeholders, such as the Global Renewables Alliance, the Rocky Mountain Institute, Breakthrough Energy, the World Economic Forum, and the WBCSD were central to exploring future collaborations and strengthening ties as we prepared for COP29 and beyond.



COP29 – #EfficiencyNOW Energy Efficiency : the lowest hanging fruit of climate action

At COP28 in Dubai, the First Global Stocktake underscored the urgent need to triple renewable energy capacity and double the annual rate of energy efficiency improvements by 2030. In response, the Double Down, Triple Up (DDTU) campaign was launched to mobilise global commitments toward these critical goals – key steps in accelerating climate action.

One year later, at COP29, the Solar Impulse Foundation partnered with the Global Renewables Alliance to showcase 20 Solutions in Action, highlighting 10 success stories in energy efficiency and 10 in renewable energy from around the world. From water-smart irrigation systems in Peru to a biomethanisation facility in Turkey, these solutions demonstrate scalable, real-world approaches to reducing energy waste and maximising renewables. Double Down, Triple Up: 20 Solutions in Action serves as a concrete example of how businesses, governments, and communities can drive meaningful emissions reductions by



adopting practical, commercially viable technologies aligned with renewable energy and efficiency targets.

The official launch took place during the first week of COP29, featuring key climate leaders including Dr. Nawal Al-Hosany, IRENA Director-General Francesco LaCamera, Julia Souder, Chair of the Global Renewables Alliance, and Bertrand Piccard, President of the Solar Impulse Foundation, who emphasised the role of efficiency and renewables in achieving global climate objectives.

Reinforcing this commitment, the Solar Impulse Foundation also joined Mission Efficiency, a coalition of over 40 organisations – including the Rocky Mountain Institute, SEforAll, and BCSE – committed to accelerating global energy efficiency progress. At COP29, the coalition called on countries to translate the UAE Consensus into national commitments ahead of COP30, urged the financial sector to scale up investments to double the rate of energy efficiency improvements, and encouraged the COP Troika to lead the way on stronger action.



Energy Efficiency Initiative with the EIB



At COP29 in Baku, the Solar Impulse Foundation joined forces with the European Investment Bank (EIB) Group and the European Commission to launch a new Energy Efficiency Initiative aimed at unlocking investments for small and medium-sized enterprises (SMEs). Announced during the EU Pavilion programme, this initiative responds to the urgent need to decarbonise Europe's SME sector by addressing both financial and technical barriers to energy efficiency. The Foundation will play a key role by identifying scalable clean technologies and supporting pilot projects that demonstrate the benefits of “energy efficiency as a service,” a model that removes the burden of upfront investment. This partnership

exemplifies how public and private actors can collaborate to accelerate the green transition and deliver on the EU's climate goals.

Buildings Breakthrough – Solar Impulse Foundation leading the global effort on Deployment

The Buildings Breakthrough is a global initiative co-led by UNEP and the Global Alliance for Buildings and Construction (GlobalABC), aiming to make near-zero emission and climate-resilient buildings the norm by 2030. As part of this effort, the Solar Impulse Foundation (SIF) leads Priority Action B4 on Deployment, working with 12 countries across three continents, 8 leading NGOs, and private sector partners to accelerate the large-scale adoption of clean, efficient building technologies.

Under SIF's leadership, the Deployment working group focuses on identifying scalable solutions, fostering public-private collaboration, and overcoming market and policy barriers. Through virtual workshops, member engagement, and targeted research, the group works to provide concrete pathways for implementation.



The Blueprint for a Solutions Deployment Platform



A key milestone in this work was the Blueprint for a Solutions Deployment Platform, launched in November 2023 at COP29 in Baku. Developed in partnership with UNEP, GlobalABC, and Buildings Breakthrough members, the Blueprint presents 21 real-world case studies from 15 countries, demonstrating high-impact, replicable solutions for decarbonising buildings. It highlights successful policies,

financing mechanisms, and public-private models that facilitate large-scale adoption of sustainable construction practices.

Launch Event at COP29

The launch event at the Buildings Pavilion gathered high-level representatives from governments, international organisations, and industry leaders, reinforcing the importance of cross-sector collaboration in accelerating deployment. Speakers from member countries, UNEP, GlobalABC, and the private sector shared insights on overcoming implementation challenges and scaling solutions globally. The event positioned the Blueprint as a practical tool to bridge policy, technology, and investment, setting the stage for the next phase of work.

EU elections campaign

Choose Wisely: Engaging Citizens on Climate Action Ahead of the EU Elections

In the lead-up to the 2024 EU elections, the Solar Impulse Foundation launched the Choose Wisely campaign to raise awareness among European citizens

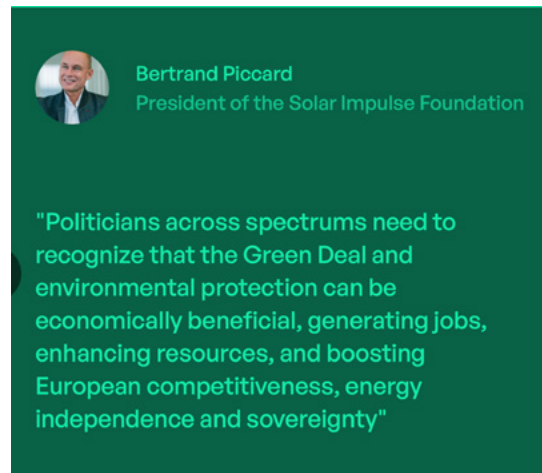
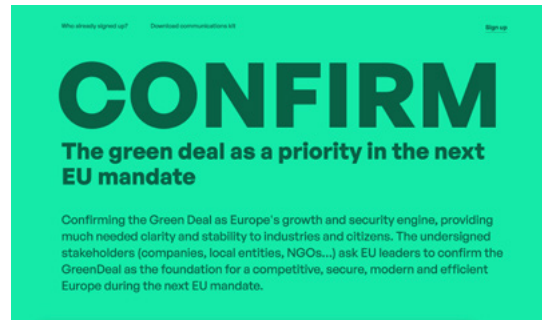
about the importance of supporting policies and leaders committed to clean technologies and climate action. The campaign was driven by a simple conviction: the solutions to the climate crisis already exist, but they need the right political momentum to scale. Choose Wisely showcased a curated selection of efficient, innovative solutions from the Foundation's portfolio, demonstrating that climate action is not a burden, but a real opportunity for economic and social progress. By equipping voters with tangible examples of what is possible, the campaign aimed to make climate policy a decisive issue at the polls – and empower citizens to vote with both their conscience and their common sense.



Letter supporting the Green Deal

Ahead of EU elections 2024, Member States and the EU Commission are putting forward the priorities the next EU Commission should work on. This is a very important step that will see topics move up or down in the ladder of political priorities. Because it is essential that the Green Deal and climate change remains a top priority for EU policy-makers, the SIF together with other partners (Solar Power Europe and Akuo) has launched a joint letter targeting EU heads of states as well as the EU Commission. The letter has been signed by more than 550 companies, NGO's, think tanks and associations, and was asking for a Clean Industrial Deal and a Vice-President Commissioner in charge of both the Green Deal and industry competitiveness.

This initiative is a real success as after the elections, the newly elected president (Ms Ursula Von der Leyen) has announced they will publish in the first 100 days of her mandate a Clean Industrial Deal. She then appointed Teresa Ribera, vice-president and commissioner for the Green Deal AND competitiveness.



EEN Annual Conference

The Enterprise Europe Network (EEN) is a cross-border initiative supporting SME innovation and international growth. It operates in 60+ countries with over 3,000 experts from 600+ organisations. Co-funded by the EU's COSME and Horizon 2020, its members include chambers of commerce, universities, and innovation agencies.

This year, EEN held its annual conference in Budapest, where we were invited to present the foundation during one of their panels. Our intervention aimed to inspire and engage attendees with the Solar Impulse Foundation's mission of promoting innovative and sustainable solutions that are both environmentally and economically viable. We highlighted how these solutions can drive efficiency, reduce waste, and support SMEs in becoming more profitable while addressing global challenges like climate change. The audience consisted of approximately 400 attendees, primarily EEN representatives.

ENABLING ADOPTION JOURNEY

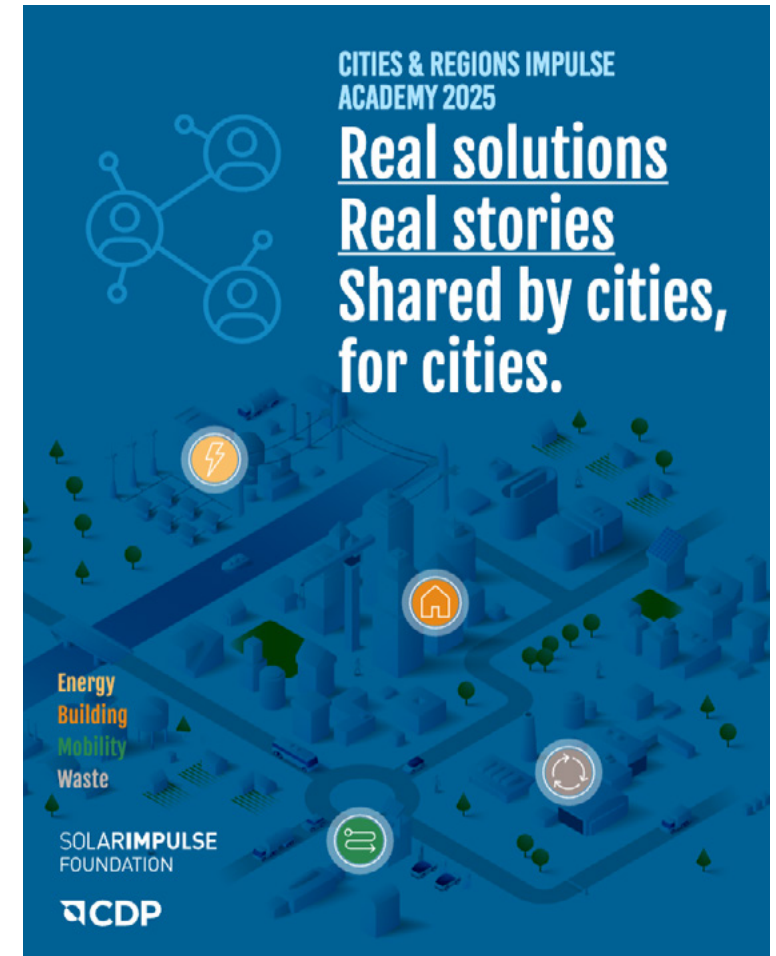
Cities are at the heart of the climate challenge – responsible for nearly 75% of global carbon emissions and energy consumption. Yet, they also hold some of the greatest potential for impactful change. At the Solar Impulse Foundation, we work directly with cities to accelerate the adoption of clean, efficient, and proven solutions by fostering peer-to-peer knowledge exchange, sharing concrete implementation success stories, and engaging urban decision-makers.

City Impulse Academies

Bringing clean solutions to City Officials – by cities for cities

In collaboration with city officials, the Solar Impulse Foundation hosted several City Impulse Academies in 2024, fostering the exchange of innovative clean solutions implementation stories. These academies, designed by cities for cities, aimed to address pressing urban challenges in mobility, waste management, buildings, and construction. Through interactive sessions, participants discovered proven innovations, learned from peer cities' success stories, and explored practical steps to catalyze change within their organisations. Featuring expert insights from Metabolic, as well as solution-sharing led by the Solar Impulse Foundation, the academies provided a collaborative platform. Co-organised with Marta Vescovi from CDP, these sessions empowered over 150 city representatives to tackle shared struggles and replicate impactful solution implementation strategies for a sustainable future.

- We hosted Four sessions addressing pressing urban challenges in mobility, waste management, buildings & construction and energy & powergrid.
- Approximately 45 city representatives per session.
- Including Live City Testimonials on implementing clean solutions their city:
 - > **Sacha Stolp** from the City of Amsterdam
 - > **Åsa Bjerling** from Helsingborgs stad
 - > **Iris Kriikkula** from Turun kaupunki - Åbo stad - City of Turku
 - > **Nuria Blanco Caballero** from Las Rozas Innova
 - > **Sven Mittertreiner** from the Gemeente Den Haag
 - **Mathilde Johnsen** from Københavns Kommune



Empowering Stakeholders Through Expert Sessions Webinars

Fostering Skills Development in the Grand Est Region

In collaboration with the Grand Est Region in France, the Solar Impulse Foundation hosted two expert webinars in 2024 to strengthen the skills and knowledge of the region's ecosystem. These sessions were tailored to meet the needs of businesses exploring specific sectors or regional services aiming to build expertise. The first session, held on January 16, 2024, focused on Energy Efficiency in Industrial Processes, while the second session on October 18, 2024, highlighted Eco-Design Practices. Each webinar attracted around 30 participants, creating a platform for knowledge-sharing and encouraging practical implementation of sustainable practices across the region.



- > Approximately 30 participants per session from businesses and regional services
- > Targeted approach to building regional expertise in sustainability

Driving Change at GET Environnement – Grand Est Région – France

Engaging Local Stakeholders for Energy Transition

On June 28, 2024, the Solar Impulse



Foundation participated in the GET Environnement event in Metz to raise awareness about its partnership and promote the importance of energy transition among regional stakeholders. As part of the event's opening session, we set the stage by highlighting the critical challenges and opportunities of transitioning to sustainable energy systems. Later on, with GEN+ (Grand Enov Plus), we delivered a joint presentation showcasing our tailored support and solution-finding efforts through the local reference framework.

- > Opening keynote addressing energy transition challenges and opportunities
- > Engagement with 70 local representatives directly connected to the region's businesses

Decarbonisation Day in the Pyrénées-Atlantiques

Collaborating for Industrial Sustainability

On February 15, 2024, the Solar Impulse Foundation, alongside Bertrand Piccard, partnered with the Pyrénées-Atlantiques Department for a full-day event dedicated to decarbonising industrial activities. The day began with strategic presentations at the Parliament of Navarre in Pau, emphasising low-carbon initiatives and the importance of collective action among local authorities. This was followed by a site visit to Lacq to showcase innovative industrial solutions like M2i and Alpha Chitin, two Solar Impulse-labelled companies. The day concluded in Bayonne with a high-impact conference attended by 125 industry leaders and 30 students, highlighting practical pathways for sustainability and introducing the upcoming “Climate Impulse” project.

- Strategic collaboration with the Pyrénées-Atlantiques Department
- Presentation of the region's low-carbon strategy to local authorities

- Site visit to Lacq to demonstrate decarbonisation in action
- Evening conference with 125 industry leaders and 30 students in Bayonne
- Bertrand Piccard's keynote on industrial decarbonisation and future innovations



Matchmaking Event “Je Décarbone” Grand Est 2024

Connecting Stakeholders for Industrial Decarbonisation

The “Je Décarbone Grand Est 2024” matchmaking event, held on October 9, 2024, in Nancy, brought together key stakeholders from the industrial and institutional sectors to drive decarbonisation efforts in the Grand

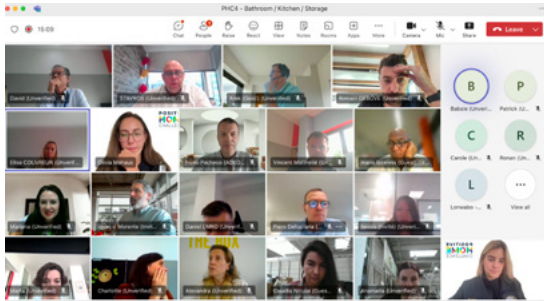
Est region. The event featured engaging roundtable discussions, including one moderated by the Solar Impulse Foundation. These sessions explored real-world case studies of industrial decarbonisation, regional support programs, and financial incentives. The afternoon was dedicated to B2B meetings, fostering connections between solution providers and potential adopters. The Solar Impulse Foundation also had a stand, promoting its partnership with the Grand Est Region and innovative solutions.

- Participation of over 100 industrial and institutional stakeholders
- Moderation of a key roundtable on industrial decarbonisation case studies
- Networking with prominent organisations
- B2B matchmaking sessions fostering impactful collaborations
- Strengthened partnership with the “Je Décarbone” initiative for future synergies

SUPPORTING PRIVATE ENTITIES

Enabling private entities is vital for driving the advancement and implementation of innovative sustainable technologies. These organisations are key players in developing and scaling solutions to tackle environmental challenges. Through partnerships with prominent businesses, startups, and industry groups, the Foundation leverages their expertise and resources to accelerate meaningful progress in adopting green technologies and promoting sustainability initiatives

Adeo Positive Home Challenge



The ADEO Positive Home Challenge marks its 4th edition in 2024, continuing its mission as a pioneering matchmaking program organised by ADEO and the Solar Impulse Foundation. This initiative seeks to identify B2C products and services that boast improved environmental footprints and actively promote responsible consumption. The program's goal is to accelerate the development and commercialisation of these solutions through ADEO's extensive network of 1,000 stores, catering to the needs of 505 million customers worldwide.

During this 4th edition in 2024, the ADEO Positive Home Challenge achieved several key milestones:

- **Over 215 participants actively engaged in the audience.**
- **38 innovative solutions pitched, showcasing groundbreaking ideas and opportunities.**
- **Focused on discovering new business opportunities and driving industry innovation.**

Results of the pitches included:

- **11 intentions to test solutions further.**
- **40 expressions of interest to continue discussions and explore collaborations.**

The Positive Home Challenge continues to empower innovation by fostering connections that drive sustainable practices and responsible consumption on a global scale.

A common communication to drive action and engagement with Adeo.

To strengthen our partnership with ADEO, we set up a dedicated stand within their premises. This stand highlights the key pillars of our collaboration and provides visibility to our joint initiatives around

innovation and sustainability. Launched in November 2024, the stand attracted over 200 visitors during its inaugural week and will be showcased at other key ADEO events in the future. Through this initiative, we actively support

ADEO in their journey to by:

- **Promoting the adoption of clean solutions.**
- **Driving their efforts to integrate sustainability into operations.**
- **Advancing responsible consumption and environmental leadership.**

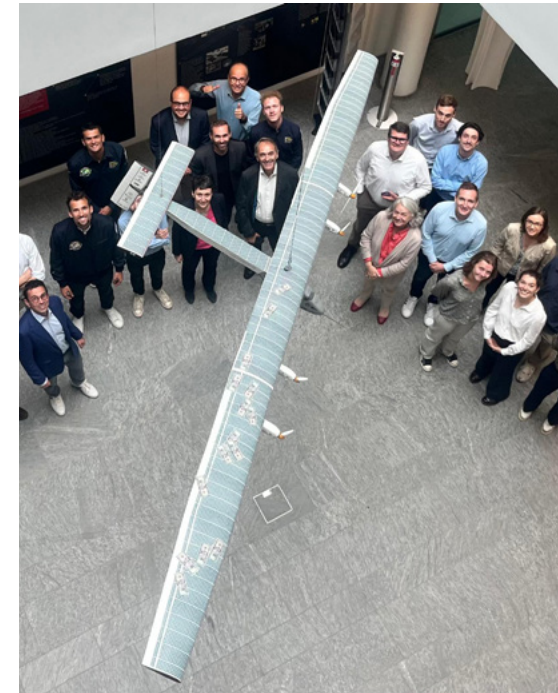


Co-Designing the Future of Infrastructure with Bouygues

Workshops to Shape Sustainable Urban Models

Following the announcement of the partnership between the Solar Impulse Foundation and Bouygues, a series of workshops was launched to support the development of Bouygues' Green Power Rehab model. This initiative aims to reimagine and transform urban neighbourhoods by 2040 through the lens of sustainability and social innovation. Focusing on energy production, storage, and sharing within future infrastructure projects. The first workshop identified existing solutions for building the infrastructure of tomorrow. Subsequently, four workshops focused on advancing the second version of the model, addressing key themes such as water, energy, biodiversity, and community living. Through these collaborative sessions, innovative ideas and solutions were explored to envision sustainable and resilient urban neighborhoods.

- **Green Power Rehab:** An innovative urban model by Bouygues integrating energy production, storage, and sharing
- **Workshops:** Five sessions, including four thematic workshops on water, energy, biodiversity, and community living
- **Impact:** Identification of existing solutions and ideation of future-oriented urban concepts
- **Collaboration:** Strengthened ties between Bouygues and the Solar Impulse Foundation, aligning innovation with sustainability



Showcasing Innovation: Microsoft Demo Day

Connecting Startups with Industry Leaders

As part of the ongoing collaboration between the Solar Impulse Foundation and Microsoft, the Microsoft Demo Day brought together cleantech startups, investors, and corporate leaders to accelerate the adoption of sustainable solutions. Hosted at Station F in Paris, this event provided a platform for startups from the Microsoft Environmental Startups Accelerator to present their progress over the acceleration period and their innovations to a curated audience of industry experts and potential adopters. SIF Managing Director Sabrina Cipullo participated in a panel on quantifying impact. The event featured live pitches, feedback sessions with investors, and networking opportunities designed to foster meaningful partnerships. Through this initiative, startups gained visibility, received strategic insights, and explored new pathways for scaling their impact in the sustainability sector.

- **Startup Pitches:** Featured innovations from Microsoft's Environmental Startups Accelerator
- **Industry Engagement:** Attendance from corporate adopters, investors, and sustainability experts
- **Networking & Collaboration:** Facilitated direct connections between startups and potential partners
- **Scaling Impact:** Provided strategic insights to help cleantech startups grow and deploy their solutions



Keynote at Telos Impact: Mobilising Philanthropy and finance for Climate Innovation

Driving Systemic Change Through Efficient Solutions

On October 15, 2024, Bertrand Piccard delivered a keynote speech at the Telos Impact event in Brussels, addressing investors, philanthropists, and corporate leaders. Highlighting the urgency of climate action, he presented the Solar Impulse Foundation's portfolio of over 1,500 profitable and efficient solutions. Bertrand emphasised the transformative potential of a “third way” focused on energy efficiency, innovation, and economic opportunities, citing key examples like Skybreathe and Wagabox solutions. He called for greater collaboration between philanthropy and finance to scale these solutions globally, outlining the significant ROI and systemic impact achievable through blended financing models and impactful investments.

- > **Audience:** 50 investors, philanthropists, and corporate leaders
- > **Key Themes:** Climate urgency, efficiency, and scalable solutions
- > **Call to Action:** Align philanthropy and finance to accelerate climate innovation
- > **Impact Examples:** Skybreathe saved \$490 million in 2023, and Wagabox installations cut CO₂ emissions by 20,000 tons annually

COLLABORATING WITH NETWORKS AND INSTITUTIONS

The Solar Impulse Foundation actively collaborates with a comprehensive network of international institutions, public authorities, and strategic partners. By fostering synergies and facilitating knowledge exchange, the Foundation strengthens the visibility and adoption of clean and efficient solutions. These collaborations also help identify funding opportunities and policy frameworks that support the large-scale implementation of cost-effective technologies addressing today's most urgent environmental challenges.

Pioneers Forum 2024



The Pioneers Forum is the flagship event of the Solar Impulse Foundation. This forum was held under the theme of Climate Solutions. It has enabled members of the Foundation’s ecosystem to leverage this exclusive network, harnessing the potential of innovative efficiency solutions across various sectors. With 400 participants, over 315 BtoB meetings, and the celebration of 5 remarkable Pioneer Awards, this event truly fostered connections and showcased solutions that will drive meaningful change.

The event was highlighted by five key moments.

Facilitating Impactful Connections: 315+ Speed-Dating Business Meetings

The Forum’s 15-minute speed-dating sessions connected corporates, investors, and public entities with innovators showcasing transformative solutions across sectors such as mobility, buildings, energy, industry, and food. These direct engagements provided invaluable opportunities for partnerships, with the potential to accelerate sustainable practices across industries.



“The Pioneer Forum was an intensive and especially well-organised event to connect with both entrepreneurs and other key stakeholders in the sustainable innovation ecosystem. Was great to have everyone under one roof.”

Heleen de Jonge, Impact Officer at Shift Invest



- > More than 315 B2B speed-dating meetings
- > 400 attendees
- > 50 Solutions in the Exhibition

Celebrating the 2024 Pioneer Award Winners

The Pioneer Awards 2024 celebrated innovation and collaboration, showcasing groundbreaking solutions such as sustainable cooling systems in Nigeria and revolutionary heat recovery methods in the ceramics industry. These awards showcased the power of sustainable practices in driving global progress.

> 160 Applications

> 15 Finalists

> 5 awards



“A stimulating event focusing on real-world solutions and bringing an ecosystem together.”

Marcus Goddard, 20250Now La Maison



Bertrand Piccard's Keynote – A Call to Action

Bertrand Piccard reminded us that the era of just ideas is over – now is the time for action. The Pioneers Forum was a powerful platform to translate this vision into reality, building connections that will help propel the implementation of climate solutions. The event also marked the launch of the PACCT White Paper on Product as a Service (PaaS), a key business model for promoting sustainability. Developed in collaboration with PACCT for Sustainability, the white paper provides insights and recommendations for companies exploring the transformative potential of PaaS models.



“Solar Impulse events not only offer exceptional networking opportunities but also showcase a wide array of innovative solutions, inspiring hope for a greener future”

Jeannette Morath, reCIRCLE



Dynamic Panel Discussion: 'A Clean Industrial Deal for Europe'

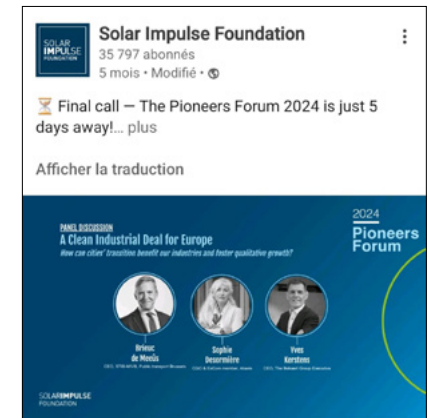
It brought together representatives from both the private and public sectors. Moderated by Bertrand Piccard, the panel explored how the transformation of cities into sustainable, resilient hubs presents a unique economic opportunity for industries and businesses. High-level representatives, including Brieuc de Meeûs (CEO, STIB-MIVB, Public Transport Brussels), Sophie Desormière (Chief Growth Officer, Aliaxis), Yves Kerstens (CEO, The Bekaert Group Executive), and Sacha Stolp (Director of Innovation, City of Amsterdam), discussed how the transition of cities can foster economic growth, improve quality of life, and benefit industries.



Social media presence

The Pioneers Forum resonated strongly on social media. A combination of one post and one video on LinkedIn generated 13,922 impressions and 10,743 views, with participants and speakers further amplifying the discussion through 37 reposts and 82 mentions. This collective engagement highlighted the relevance of the forum's discussions and reinforced its role as a key moment to drive action around efficiency.

- > 13,922 impressions
- > 10,743 views
- > 37 reposts and 82 mentions



Accelerate the uptake of ground-breaking Efficient Solutions with EIT

Strategic Collaboration with EIT

In 2024, the Solar Impulse Foundation (SIF) and the European Institute of Innovation & Technology (EIT) formalized their collaboration through a collaborative agreement aimed at advancing sustainability and innovation. This partnership, guided by bi-annual work plans, focuses on activities such as knowledge exchange, event participation, and raising awareness of their respective services. Key areas of collaboration include fostering sustainable innovations, supporting businesses, delivering education and training programs, and strengthening capacity building. By sharing information and resources, the two organisations aim to amplify their impact on promoting sustainable practices and empowering stakeholders to drive innovation in a rapidly evolving global landscape.

- **MoU Signed in Feb, 2024:** Together we will provide support for ventures to scale their businesses and accelerate the uptake of ground-breaking Efficient Solutions, across the continent and globally.
- **Participation in EIT Slush, Helsinki, Nov 2024:** SIF joining the INNOVEIT conference where Laura Wirsztel-Antonmattei from BNP Paribas Solar Impulse Venture Fund spoke about how purpose-driven capital can drive growth in an evolving climate tech landscape.
- **Impact:** By sharing information and resources, the two organisations aim to amplify their impact on promoting sustainable practices and empowering stakeholders to drive innovation in a rapidly evolving global landscape.



Driving Sustainability in Construction and Engineering

Strategic Collaboration with FIDIC

In 2023, the Solar Impulse Foundation (SIF) and FIDIC, the International Federation of Consulting Engineers, signed a Memorandum of Understanding (MoU) to accelerate sustainability in construction and engineering. This collaboration focuses on knowledge sharing, and the development of sustainable standards to foster clean and innovative solutions in the sector. In line with this collaboration, the Solar Impulse Foundation also participated in FIDIC's 2024 Global Leadership Forum, showcasing its portfolio of Efficient Solutions and emphasising the importance of sustainable infrastructure for a net-zero future. Through joint workshops and advocacy, both organisations aim to create a systemic shift towards sustainable practices globally.

- **MoU Signed in 2023:** Focus on advancing clean technologies and standards in the construction sector.
- **Participation in FIDIC's Global Leadership Forum:** Promoting efficient solutions and fostering industry collaboration.
- **Impact:** Strengthening innovation adoption to drive environmental and economic benefits in global infrastructure projects.

EEN Annual Conference

The Enterprise Europe Network (EEN) is a cross-border initiative supporting SME innovation and international growth. It operates in 60+ countries with over 3,000 experts from 600+ organisations. Co-funded by the EU's COSME and Horizon 2020, its members include chambers of commerce, universities, and innovation agencies.

This year, EEN held its annual conference in Budapest, where we were invited to present the foundation during one of their panels. Our intervention aimed to inspire and engage attendees with the Solar Impulse Foundation's mission of promoting innovative and sustainable solutions that are both environmentally and economically viable. We highlighted how these solutions can drive efficiency, reduce waste, and support SMEs in becoming more profitable while addressing global challenges like climate change. The audience consisted of approximately 400 attendees, primarily EEN representatives.



Changemakers 2024 by L'Echo and De Tijd

In February 2024, Bertrand Piccard, founder and president of the Solar Impulse Foundation, contributed his visionary expertise as a jury member for the prestigious "Changemakers" initiative organised by L'Echo and De Tijd. This event spotlighted 30 innovative Belgian companies making groundbreaking strides in environmental sustainability. Piccard's participation underscored his commitment to fostering solutions that bridge ecological and economic objectives, aligning with our shared mission to drive impactful, scalable transformation in critical industries.

Efficiency Week: Driving Innovation in Energy Systems

In 2024, we hosted our inaugural Efficiency Week, uniting thought leaders, innovators, and stakeholders such as Bertrand Piccard (Solar Impulse Foundation), Nathalie Hemeleers (Solar Impulse Foundation), Ignacio Huici (EIT InnoEnergy), Pascal Goumault (Aliaxis), and Dr. Thomas Gibon (LIST) to address the pressing challenges and opportunities in transitioning to sustainable energy systems. The event spotlighted innovative solutions like advanced storage technologies, smart grid applications, and policy frameworks crucial for scaling renewable energy. Success stories, including Lausanne's integration of Zaphiro Technologies' SynchroGuard and Sussex's implementation of Aliaxis' Zypho® Energy Saving systems, showcased tangible impacts. This milestone initiative reinforced our commitment to fostering collaboration, accelerating clean energy adoption, and paving the way for a resilient, equitable energy future.

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Technologies' SynchroGuard and Sussex's implementation of Aliaxis' Zypho® Energy Saving systems, showcased tangible impacts. This milestone initiative reinforced our commitment to fostering collaboration, accelerating clean energy adoption, and paving the way for a resilient, equitable energy future. Our discussions focused on enhancing research and innovation in cleantech across Europe, identifying priority areas for improvement, and shaping actionable policy recommendations. The insights and recommendations will contribute to the DG R&I high-level expert group's work on the future of Horizon Europe.

ICN Annual Conference

On 24 May 2024, the Solar Impulse Foundation participated in the International Cleantech Network (ICN) Annual Conference, delivering a presentation on the transformative potential of strategic partnerships. The session focused on how collaboration can drive global cleantech initiatives and deliver impactful solutions. The discussions emphasised the importance of collective action, with the

Solar Impulse Foundation contributing to the dialogue on accelerating cleantech innovation, scaling sustainable solutions, and fostering cross-sector collaboration. This event reinforced the critical role of partnerships in creating a sustainable, low-carbon future. We look forward to continuing our engagement in these initiatives to advance global cleantech actions.

Diplomatic Club of Geneva – reception in Honour of Mr. Bertrand Piccard

On 2 July 2024, the Solar Impulse Foundation participated in a special reception organised by the Diplomatic Club of Geneva in honor of Mr. Bertrand Piccard. The event, held at Collex-Bossy, highlighted the critical need to act on climate change and the urgent pursuit of sustainable solutions. The reception emphasised the significant contributions of Mr. Piccard, who has carried on a family legacy of exploration and innovation, with projects like Solar Impulse and his new venture, Climate Impulse. His work demonstrates that the tools, technologies, and will to

tackle climate challenges are available. The discussions underscored the necessity for international cooperation in addressing climate issues, reinforcing the Solar Impulse Foundation's commitment to advancing efficient, clean technologies for a sustainable future. We look forward to further collaboration in these essential global efforts.

The Zayed Sustainability Prize 2024

In 2024, Bertrand Piccard, participated as a member of the Zayed Sustainability Prize Selection Committee. In this role, he and other committee members evaluate and select the most impactful and innovative projects in areas like health, food, energy, water, and global high schools. Their focus is on identifying scalable solutions that address global sustainability challenges and drive long-term impact. Through the Zayed Sustainability Prize, he and the Solar Impulse Foundation advocates for scaling these innovations to inspire others and accelerate the transition to a more sustainable world.



“*This is what we do with the Solar Impulse Foundation and the Zayed Sustainability Prize: raise awareness about new, efficient, clean, and profitable solutions that can be used everywhere.*”

Bertrand Piccard

at #ZayedSustainabilityPrize #COP29

The Wells Fargo Innovation Incubator (IN²) Event – US

The Wells Fargo Innovation Incubator (IN²) Event, held on August 8th, 2024, was a great opportunity for the Solar Impulse Foundation to continue its mission to accelerate the adoption of clean technologies. At the event, the Foundation showcased tailored cleantech solutions designed to address the specific needs of adopters in industries such as renewable energy, energy storage, and carbon reduction. By preparing one-pager summaries for each adopter, the Foundation helped to present six

innovative solutions that were aligned with the challenges faced by organisations like Intermountain Health, CBRE, and University of Colorado.

The event featured a 45-minute presentation followed by a Q&A session where the Foundation's technical team walked adopters through the proposed solutions and their potential impact. This interaction was key to fostering collaboration between innovators and adopters, allowing for meaningful discussions on how to potentially implement these solutions. Following the event, each adopter was able to select solutions for further exploration, and follow-up sessions ensured that innovators could pitch their ideas directly to interested parties. The event underscored the Foundation's commitment to bridging the gap between cleantech innovators and organisations seeking to make significant strides in sustainability.

ENHANCING VISIBILITY TO OUR ECOSYSTEM

At a time when concern for the planet's future is growing – especially among young people – the Solar Impulse Foundation is committed not only to promoting clean and efficient solutions but also to raising awareness and inspiring the next generation to take action for a sustainable future. By enhancing the visibility of our ecosystem of labeled solutions and innovators, the Foundation helps demonstrate that concrete, effective technologies already exist to address today's environmental challenges. Through a series of dedicated programs, we highlight tangible, real-world solutions while encouraging young minds to envision a future shaped by innovation, entrepreneurship, and environmental responsibility. Together, we're building a movement that empowers youth and amplifies the reach of pioneering solutions for a cleaner, fairer world.

“City of Tomorrow” Exhibition – Brussels

An immersive journey through concrete solutions for urban ecological transition

From September 2, 2024, to January 10, 2025, the Solar Impulse Foundation presented the exhibition City of Tomorrow: An Exploration of 1000+ Solutions at the Gare Maritime in Tour & Taxis, Brussels. Following its debut in Paris, this second edition aimed to demonstrate that the ecological transition of cities can be both pragmatic, profitable, and inspiring. Designed to engage a broad audience – from citizens and students to institutional and private stakeholders – the exhibition highlighted proven solutions across six essential sectors: energy, water, mobility, construction, sustainable housing, and waste management.

> [Read the full activity report here](#)



TOUR & TAXIS
YOU, TOMORROW



Educational design and eco-conscious staging



Held in a 450 m² space within an emblematic sustainable redevelopment site, the exhibition was accessible in three languages (FR/NL/EN), supported by immersive scenography and educational illustrations. Over 50 “Efficient Solutions” by the Solar Impulse Foundation were showcased, in continuity with the Solutions Guide for Cities recently published by the Foundation.

The entire setup was designed to minimize its environmental footprint, using low-impact materials and structures suitable for reuse, in line with the exhibition’s aim to travel and reach new audiences.



A mobilised ecosystem for impact

The exhibition benefited from strong engagement by its partners: Bruxelles Environnement, STIB-MIVB, City of Brussels, and NetZeroCities played key roles in outreach and visibility. More than 3,000 students were engaged through school visits coordinated with BelExpo, supported by tailored educational materials. Guided tours were organised for businesses, institutional representatives, and key stakeholders. A case study developed by students at Solvay Brussels School further enriched the initiative. They were invited to select an efficient solution and outline pathways for its deployment in the Brussels Capital Region – addressing regulatory, financial, and operational frameworks.



Broad visibility through media and event alignment

The exhibition received over 20 media mentions across Belgian, French, and Swiss outlets (RTBF, LN24, Le Vif, L'Echo, La Libre, RTL...), with an estimated reach of over 11 million people. A dedicated social media campaign, supported by the Foundation, its partners, and solution providers, generated more than 14,000 impressions and strong online engagement.

In parallel, the Pioneers Forum was hosted on-site, bringing together 400 participants, facilitating over 315 B2B meetings, and highlighting many of the solutions on display. Five Pioneer Awards were presented to outstanding high-impact projects.



- **RTBF - On N'est pas de pigeons - 4-10-24**
"Bertrand Piccard: L'explorateur qui imagine la ville de demain"



- **LN24- 15/10/2024**
"Rêver les villes de demain avec l'explorateur Bertrand Piccard"

- **LaLibre - 06- 10- 24**
"Enfant, je voulais être un grand explorateur mais j'avais le vertige! Et j'avais le sentiment que tout avait déjà été exploré..."

A call to action through solutions

With this exhibition, the Solar Impulse Foundation continues its mission to promote the large-scale adoption of clean, profitable, and readily available solutions. City of Tomorrow serves as a tangible demonstration that the ecological transformation of cities is not only necessary but entirely achievable – without compromising on quality of life or economic performance.



“The time for ideas is over – now is the time for action. Let’s remove the barriers so that existing solutions can replace polluting practices.”

Bertrand Piccard

Showcasing Clean Innovation at ChangeNOW 2024

Ecosystem Partnership and Solution Spotlights

As an ecosystem partner of ChangeNOW 2024, the Solar Impulse Foundation played a central role in promoting clean and efficient innovation. A selection of Solar Impulse-labelled solutions were showcased through dedicated booths and/or pitching slots, emphasising their real-world impact and profitability. This format offered a unique opportunity for these solutions to engage directly with potential adopters, investors, and stakeholders. In addition to providing booths, pitching opportunities, and discounted passes, the Foundation actively collaborated with partners and the broader sustainability community, strengthening alliances and accelerating the adoption of innovative technologies for a cleaner future.

- **Ecosystem Partner:** A key player in driving clean tech innovation at ChangeNOW 2024
- **Solution Free Booths & Pitches:** Five individual booths and five pitching slots dedicated to showcasing selected Solar Impulse-labelled solutions, fostering engagement with adopters and stakeholders
- **Booth Discount:** Five discounted booths offered to select Solar Impulse-labelled solutions, with a significant 62% discount
- **Ecosystem Discount:** A 30% discount on event passes for members of the Solar Impulse ecosystem
- **Networking Opportunities:** Direct exchanges with partners, investors, and industry leaders
- **Impact:** Increased visibility and traction for labelled solutions within a global sustainability ecosystem



Vivatech

As an active participant at VivaTech 2024, the Solar Impulse Foundation leveraged this premier event to foster collaboration, showcase innovation, and engage with key stakeholders in the sustainability ecosystem. The team connected with solution providers, partners, and investors, facilitating high-impact exchanges that drive progress in clean and efficient technologies. Through strategic discussions and hands-on demonstrations, the Foundation reinforced its commitment to accelerating sustainable solutions in various industries.

- **Strategic Partnerships:** Announced new collaborations with Bouygues and AXA, reinforcing joint efforts to drive innovation in building solutions and sustainability initiatives.
- **Industry Engagement:** Engaged with Holcim Maqer Ventures to explore groundbreaking advancements in construction and infrastructure.

- **Panel Participation:** Contributed to the Île-de-France panel, presenting two experimental projects under the Innov'Up Experimentation program to showcase real-world applications.
- **Solution Demonstrations:** Led the "SIF Solution Tour," providing a platform to highlight innovative solutions to potential adopters and investors.

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Strengthening Expertise in Philanthropy

Engaging with Key Actors Through Swiss Foundations

As part of its commitment to developing a deeper understanding of the philanthropic sector, the Solar Impulse Foundation has strengthened its engagement with key players, including Swiss Foundations, the leading network of philanthropic organisations in Switzerland. To further this knowledge-building effort, the Foundation participated in the Forum des Fondations, a flagship event that brings together major stakeholders in the philanthropy ecosystem. This participation served as a valuable opportunity to gain insights into best practices, emerging trends, and strategies within the sector, while fostering new connections to support the Foundation's mission.

- > **Knowledge Development:** Building expertise in the philanthropic sector through strategic engagements
- > **Insight Sharing:** Exploration of trends, strategies, and best practices in philanthropy
- > **Networking:** Strengthening relationships with influential actors in the philanthropic ecosystem

Attendance at Slush 2024, Helsinki

Engaging with Cleantech Innovators and Investors

From November 19 to 21, 2024, the Solar Impulse Foundation participated in **Slush 2024**, held in Helsinki. This global gathering brought together over **13,000 attendees, including industry leaders, venture capitalists, and innovators**, to discuss the future of technology and sustainability. Our participation focused on **networking** within the cleantech VC ecosystem, meeting with innovative companies, and gathering insights on innovation and investment trends. Key moments included attending pivotal sessions like the “Pioneering Women: Driving Innovation and Investment in Europe,” organised by the EIT Community, and the “Climate summit” by Lightrock, Transition and Extantia.

- **Networking:** More than 30 meetings with climate tech innovators, investors and adopters including Seaya, Nomura, Serena, Bouygues, ETF Partners, Alstom
- **Insights:** 6 side events & Conference attended
- **Support to our ecosystem** 1 invitation for a Solution
- **Showcased PNB Paribas Solar Impulse Venture fund activities** through a keynote given by Laura Wirstzel, partner for the fund



Building Bridges: Session on the Potential of Servitisation Business Models

Bringing together experts of the sector to better understand these models and the role of finance for their deployment

As part of the Building Bridges 2024 Summit in Geneva, the Solar Impulse Foundation hosted a session titled “Towards a Qualitative Economy – Servitisation Business Models as a Way to Accelerate the Ecological Transition.” This event brought together industry leaders, investors, and sustainability experts to explore how these innovative models can scale the adoption of energy efficiency technologies. With speakers from the European Investment Bank, BASE Foundation, Solas Capital AG, Celsius Energy, Australia’s Green Bank, etc, the session allowed for insightful discussions and takeaways.



- **Thought Leadership:** Panel discussion and fireside chat with leading experts on servitisation, financing, and energy efficiency
- **Collaborative Action:** Announcement of a new Energy Efficiency Initiative for SMEs between the European Investment Bank, the European Commission and the Solar Impulse Foundation

- **Critical reflections:** This model really has the potential to help transition to more efficient systems and creates great value for the end users. However, it is complex to set up and requires various skills from the solution providers
- **Momentum for Change:** Session insights to create concrete actions from the Solar Impulse Foundation, including a potential follow-up paper on servitisation for early 2025



EPFL Investor Day: Fostering Innovation and Impact

Strengthening Connections Within the Vaud Innovation Ecosystem

As part of our growing collaboration with the Canton of Vaud, the Solar Impulse Foundation participated in the EPFL Investor Day 2024, a flagship event dedicated to connecting investors, innovators, and ecosystem partners. Positioned alongside key local organisations, the Foundation hosted a stand to showcase its mission and strengthen its ties within the Swiss innovation ecosystem. The pitching sessions highlighted inspiring projects demonstrating the vibrant potential of innovation to drive sustainable impact.

- **Showcasing Mission:** Dedicated stand alongside key players in the Vaud innovation ecosystem
- **Networking:** Strengthened ties with EPFL Innovation Park, FIT, Venturelab, and other local innovation leaders
- **Inspiration:** Discovered impactful solutions



STRENGTHENING OUR SUCCESS FACTORS

The Solar Impulse Foundation accelerates clean, efficient, and profitable solutions through a powerful mix of assets that support innovators, engage decision-makers, and drive large-scale change. Its globally recognized Efficient Solutions Label certifies market-ready clean technologies, while a dynamic network of experts, innovators, and partners fosters collaboration and deployment. By connecting innovators with investors, financial tools, and procurement channels, the Foundation helps scale the adoption of sustainable solutions.

Efficient Solutions Label & Portfolio

The Solar Impulse Foundation remains committed to advancing clean, profitable, and innovative solutions for a sustainable future. Central to this mission is the Efficient Solution Label and its diverse portfolio, which have become globally recognised benchmarks for impactful sustainability initiatives. In 2024, we made significant advancements by streamlining the labelling process and expanding the portfolio to enhance its reach and effectiveness.

Labelling process Improvements

At the heart of the Solar Impulse Foundation's efforts is the Efficient Solution Label, which recognises solutions that are both clean and profitable. Launched in 2018, this Label is central to the Foundation's activities. In 2024, we began implementing the strategy designed in 2023 to expand our portfolio, reflecting our commitment to becoming more comprehensive and covering diverse themes and geographies.



The process underwent a six-month transition period, during which our digital team made the necessary infrastructural changes to support the new process, which includes a simplified fast-track application followed by the regular application process for the Label. The team also worked hard to ensure that all relevant communication materials were updated and that all experts were trained and up to speed with the new application system and evaluation model.

The new application process, featuring both fast-track and regular options, adds a nuanced layer to our portfolio. Solutions that apply via the fast-track form (Featured Solution Application) undergo initial quality and eligibility review by the Foundation team, allowing them to coexist alongside fully certified solutions

that have completed the comprehensive application process and expert review. This dual-tier system allows for a dynamic mix within the portfolio: solutions at various stages of review and credibility. Since mid-year, we have launched our new portfolio strategy, and we can already count over 250 featured solutions that highlight the effectiveness of this approach.

Additionally, 52 solutions have successfully undergone re-certification through our Label Update Program, proposed to companies three years after their initial labelling. This re-certification ensures that solutions continue to meet our rigorous standards and remain relevant in the evolving sustainability landscape, further reinforcing the credibility and impact of the Efficient Solution Label.

- > Streamlined Process
- > 251 Solutions Featured*
- > 52 Solutions re-certified
- > 63 New Solutions Labelled

*June to Dec 2024

Portfolio diversification

To further expand the diversity and relevance of the portfolio, the Solar Impulse Foundation has introduced Non-Technical Solutions to the Solution Explorer. This addition transforms it into a comprehensive global sustainability resource that integrates both technological and non-technological approaches. While the Efficient Solution Label has primarily highlighted clean and profitable technologies, we recognise that sustainable change also requires engaging human and societal dimensions. This new category features initiatives aimed at fostering behavioural shifts, sustainable practices, and policy frameworks, complementing our technological solutions to provide a holistic toolkit for environmental goals. By bridging innovation and behavioural change, we aim to empower businesses, governments, and individuals alike. To date, the Foundation has identified over 72 non-technical solutions, and we look forward to collaborating to ensure these solutions are widely accessible and impactful.



“*The inclusion of non-technical solutions fully embraces the SIF philosophy, guiding decision-makers in sustainability. Behavioural and political solutions should allow readers to engage with local representatives for actionable impact.*” **Filippo Antonio Capizzi**

Labelling process third-party auditing

This year marked the completion of the third external audit (by Ernst & Young) of the Efficient Solution Labelling process, conducted from mid-January to mid-June 2024, with the corresponding Limited Assurance Report issued in July 2024. The Solar Impulse Foundation team worked closely with EY, providing all necessary information to facilitate a thorough review. A significant sample of solutions at various stages of the process was audited to ensure that the Efficient Solution Label standards were rigorously applied and consistently upheld.

The work carried out by EY is critical to maintaining the integrity and reliability of our labelling process. Regular audits not only ensure adherence to our established standards but also reinforce the credibility of the Label as a trusted certification for clean and profitable solutions. Beyond procedural validation, the audit serves as a strategic touchpoint, offering valuable feedback on the Foundation’s labelling process and allowing us to benchmark our efforts against global sustainability leaders. This continuous evaluation and benchmarking help the Foundation refine its approach, ensuring that the Efficient Solution Label remains at the forefront of driving innovation and sustainable solutions for a better tomorrow.



“*Regular audits ensure the integrity of our Efficient Solution Label, reinforcing its credibility while providing valuable insights to refine our approach*” **Sabrina Cipullo**

Ensuring Portfolio Quality

Maintaining the credibility and integrity of our portfolio is a cornerstone of the Foundation's work. Through rigorous compliance, validation, and monitoring measures, we ensure that only credible and active solutions retain the Efficient Solution Label. Our processes include comprehensive reputational checks, revalidation through the Label Update Program (LUP), and structured pathways for retraction in cases of inactivity or misconduct. In 2024, several solutions were removed from the portfolio following investigations or identification of inactive companies. For transparency, a detailed list of companies removed this year can be accessed [here](#). These efforts reflect our commitment to upholding the highest standards and ensuring that the portfolio aligns with the Foundation's mission of promoting impactful and reliable sustainable solutions.

Improving access to solutions: Solution Explorer updates

Launched in 2021, the Solution Explorer is the Solar Impulse Foundation's flagship platform, designed to connect stakeholders with clean, profitable, and innovative solutions to address global environmental challenges. Acting as a dynamic hub for vetted cleantech solutions, it bridges the gap between solution providers, businesses, and decision-makers, fostering collaboration and driving impactful adoption.

In 2024, the platform recorded around 600,000 views and facilitated multiple connections between solution providers and stakeholders, highlighting its growing influence in the sustainability space. To further enhance its impact, the platform underwent a transformative upgrade with the launch of AI Solution Explorer V3 at the end of the year. This new version integrates advanced AI technologies, including semantic search, an AI conversational assistant, real-world implementation stories, curated thematic collections, and a redesigned landing page. These enhancements significantly improve search capabilities, user

engagement, and overall accessibility. The AI Solution Explorer V3 represents a pivotal step in accelerating cleantech adoption, aligning seamlessly with the Solar Impulse Foundation's mission to foster innovation and sustainability while setting a new standard for discovery and collaboration in the cleantech ecosystem.

- > **Added an AI-powered search engine**
- > **Improved navigation with a new landing page and thematic collections**
- > **Introduced real-world implementation stories to showcase solution impact**

Foundation's network

The Solar Impulse Ecosystem advocates for agile governance in the ecological transition, free from traditional constraints. It connects stakeholders, amplifies positive impacts, and addresses barriers to implementation head-on, resolutely dedicated to pioneering a world in which efficiency is the driving force behind ecological balance and economic health.

The Advisory Board by the Solar Impulse Foundation

In 2023, the Solar Impulse Foundation launched the Advisory Board, assembling a group of distinguished experts and leaders from diverse industries and sectors to accelerate the deployment of clean and efficient technologies. This Advisory Board, composed of innovators, investors, adopters, promoters, and experts, serves as a strategic resource, offering nonbinding guidance to the Presidency and the Committee of the Alliance. With members selected based on thematic expertise, geographic diversity, and collaborative spirit, the

Advisory Board meets quarterly to provide insights on trends, address key challenges, and support global initiatives. By fostering partnerships, offering strategic advice, and amplifying the voice of the Alliance's 4,000+ General Assembly members, the Advisory Board empowers the organisation to scale its impact, advance cleantech innovation, and drive meaningful progress toward a sustainable future.

ADVISORY BOARD COMPOSITION

- **Innovators:**
Two members representing the cleantech innovation ecosystem
- **Adopters:**
One member representing private actors
One member representing public actors
- **Investors:**
Two members representing the cleantech finance actors
- **Promoters:**
Two members representing other networks or NGOs that promote cleantech
- **Experts:**
Two members from the Solar Impulse Experts Community



Expanding membership and strengthening alliances

In 2024, our CRM database experienced significant growth, with over 770 new companies added each month on average, representing a 340% increase since 2023. This remarkable expansion is primarily attributable to our cleantech radar, which scanned more than 100'000 companies since July 2024.

We also welcomed 379 new members to the Solar Impulse Ecosystem, comprising:

379 new members: -> 377

314 new Innovators -> 312

25 new Investors

37 new Promoters

12 new Adopters

42 new Experts -> 46

Additionally, 42 new Experts joined the Solar Impulse network, committing to assessing Efficient Solutions.

Here's a snapshot of the current network (end of 2024):

Members: 4979 -> 5102

Innovators: 4589 -> 4690

Investors: 226 -> 232

Promoters: 234 -> 249

Adopters: 54

Experts: 381 -> 362

This growth underscores our commitment to Ambition 2030 and the goal of building an exhaustive community. Notably, 70% of our members are EU-based, (show exhaustiveness?)

With the launch of new processes, all Innovators have been contacted to introduce these streamlined workflows and encourage them to submit their solutions. As of now, 35.5% of our Innovators' network has actively promoted one or more solutions on the Solutions Explorer. Despite this progress, challenges remain. Our focus is now on converting these members into actionable data about their innovations, enabling us to onboard all innovations onto our flagship platform, the Solutions Explorer.

Stimulating climate tech growth through investment

This year, the Solar Impulse Foundation advanced its mission to mobilise finance for climate tech growth through two key approaches: direct investment and tailored matchmaking. The Solar Impulse Funds, developed in partnership with leading institutions, provided targeted investment in high-impact solutions, supporting both early-stage startups and mature companies in critical sectors like energy transition, sustainable agriculture, and smart cities. In parallel, our matchmaking efforts, through our RUNWAY program, successfully connected innovators with aligned investors, fostering collaborations that accelerated the deployment of solutions. These combined efforts highlight the Foundation's commitment to addressing the financial barriers to scaling sustainable technologies.

The Solar Impulse Funds

THE TOOLS TO FINANCE SOLUTIONS THROUGH EQUITY PARTICIPATIONS

This year our two partner funds kept fundraising and both came to a final closing, securing a total more than €340m to support the growth impactful organisations with labelled solutions albeit a difficult macro-economic context. With this first phase closed, both will be focusing on deploying capital in pioneering teams, accelerating the ecological transition towards a qualitative economy.

On the venture capital side, the BNP Paribas Solar Impulse Fund (BNP SIVF) reviewed more than 400 Opportunities mainly in Energy, Resources, mobility and Materials. This led to and fifth investment in a US-based company Chemix, announced in April. Chemix, awarded with the Efficient Solution Label in February 2024 for its JADE by MIX™ Battery solution, utilizes cutting-edge AI, trained on its proprietary data, to develop next-generation EV batteries. The fund also created strong leads in the last quarter of 2024 and is expected to deploy more capital in the first quarter of 2025.

Looking at more mature companies, the Five Arrows Sustainable Investments (FASI) fund, managed by Rothschild & Co, announced a second transaction in 2024, with EODD, a multidisciplinary engineering, consulting and design office specialised in environment, energy and the ecological transition.

> €340m to fuel impact focused companies

> Two additional Investments



RUNWAY Program

FACILITATING CONNECTIONS BETWEEN OUR SOLUTIONS AND INVESTORS

In 2024, the Solar Impulse Team generated 104 introductions between investors and climate tech companies through its RUNWAY Program. In the meantime, 60 companies raised more than \$900m this year.

E-pitch : Three e-pitch were organised this year, with the themes of industrial Processes and Consumers Goods, Energy Systems and AI for positive Impact. They highlighted 15 Solutions in front of 80 Investors and lead to 13 Introductions.

The platform and matchmaking activities: In 2023, we have launched a digital tool for investors to connect easily browse investment opportunities from our portfolio of solutions and streamline connection with founders. While the tool in itself did not reach the expected impact and usage on the investor side, it still facilitated 57 introductions, with one confirmed successful one, which led to a crowdfunding campaign which

has been fully subscribed. For 2025, the team expect to review the matchmaking strategy to streamline processes and generated more success stories

- > 104 Introductions
- > €900m raised by Solutions
- > 15 Companies highlighted in e-pitches



PARTNERSHIP & COLLABORATIONS

The support of partners & patrons is essential to the Solar Impulse Foundation's mission: identifying, promoting, and implementing clean, efficient, and profitable solutions to accelerate the transition to a sustainable world. Through their commitment, partners provide not only financial backing but also valuable resources, expertise, and networks that amplify the Foundation's impact on a global scale. This collaboration, built on shared values of innovation and environmental responsibility, enables the development of concrete initiatives and helps drive the adoption of sustainable solutions by both public and private decision-makers. The Solar Impulse Foundation is proudly supported by 14 Main Partner organizations and 5 Specific Collaborations, whose ongoing engagement is key to the success and reach of its initiatives.

Main Partners

In 2024 we are glad to welcome 3 new partners to support our mission and collaborate on key initiatives to build an efficient future.

Axa

AXA joined us in June 2024 to harness the full potential of insurance reinvention, for the benefit of a safer, more predictable, and sustainable world.



“AXA’s collaboration with the Solar Impulse Foundation marks a significant step towards a more sustainable future. The mission of the Solar Impulse Foundation is closely aligned with AXA’s sustainability ambition to foster understanding and drive transformative change. Together, we aim to leverage our expertise and resources to advance the mission of the Solar Impulse Foundation and contribute to a world that is more environmentally conscious and resilient.”

Martin Powell,

Group Head of Sustainability, AXA

Aliaxis

Aliaxis partners with Solar Impulse Foundation in May 2025 to accelerate the development of sustainable water solutions and transition to clean energy.



“Teaming up with the Solar Impulse Foundation marks a significant milestone for Aliaxis. This collaboration boosts our drive for groundbreaking advancements, paving the way for cutting-edge water management solutions. By merging our strengths with Solar Impulse, we aim to enhance our impact, blending diverse expertise to address the market’s urgent needs while continuously delivering innovations that benefit our customers and drive progress.”

Sophie Desormière,

Chief Growth Officer at Aliaxis

Bouygues

The Bouygues Group Joins Forces with the Solar Impulse Foundation in May 2024 for Clean and Cost-Effective Solutions for the Environment.



“We had already had the opportunity to work with the Solar Impulse Foundation by having three of our solutions Labelled. This partnership marks a new step in our collaboration. By working together, we can combine our ecosystems, accelerate the scaling of relevant and cost-effective solutions by offering them to our clients for implementation, and thus continue our commitment to ecological and energy transitions.”

Marie-Luce Godinot,

Deputy CEO of the Bouygues Group

Renewal

Renewal of the ADEO – Solar Impulse Foundation Partnership

On October 9, 2024, ADEO renewed its partnership with the Solar Impulse Foundation, continuing their commitment to sustainable housing innovation. Since 2020, this collaboration has led to the commercialisation of 180 products from 15 certified solutions. The partnership focuses on integrating validated solutions, discovering new innovations, and organising the annual “Positive Home Challenge” to accelerate the adoption of clean, sustainable solutions.



ADEO
115 209 abonnés
3 sem. • Modifié •

ADEO et la **Solar Impulse Foundation** renouvellent leur partenariat pour un habitat durable !

La Fondation Solar Impulse promeut des solutions technologiques, durables et économiquement viables pour accélérer la transition écologique. Elle prouve ainsi que le développement économique et la protection de l'environnement peuvent aller de pair !

Depuis 2020, nous unissons nos forces pour rendre accessibles au plus grand nombre des solutions d'habitat durables et rentables. Grâce à ce partenariat, près de 180 produits innovants ont déjà été commercialisés, permettant aux habitants d'améliorer l'efficacité énergétique de leur logement tout en réduisant leur impact environnemental.

Ensemble, nous travaillons autour de trois axes :

- ◆ L'intégration de produits dans nos gammes : des isolants thermiques bio-sourcés, des pommeaux de douche intelligents, et bien d'autres solutions labellisées par la Fondation Solar Impulse.
- ◆ La recherche de nouvelles solutions : identifier des produits répondant aux besoins non couverts par notre offre actuelle.
- ◆ Le Positive Home Challenge : une opportunité annuelle pour des entreprises innovantes de présenter leurs solutions aux équipes ADEO en vue de leur commercialisation.

🌍 L'innovation partagée est au cœur de notre engagement : chaque produit mis à disposition contribue à construire un habitat plus positif pour tous !

PARTENARIAT

 × 





“ We are delighted with this partnership, which allows us to support residents in improving the energy efficiency of their homes and to foster the emergence of new solutions for more sustainable housing. Making these solutions accessible is our commitment to residents and our goal to maximise our impact. To achieve this, we deeply believe in connecting with our ecosystem and shared innovation.”

Clara Lorinquer, Global Leader of ADEO in charge of Positive Impacts.

Regions & cities

At the Solar Impulse Foundation, we believe that the transition to a sustainable world must happen where life unfolds every day: in regions, cities, and local communities. That's why we've built strong partnerships with pioneering territories – such as the Île-de-France and Grand Est regions in France – and signed collaboration agreements with forward-thinking actors like the Département des Pyrénées-Atlantiques and the Canton of Vaud. On a more local level, we support and engage in concrete initiatives with cities like Cannes, bringing our network of clean and profitable solutions to real urban challenges. These collaborations are all guided by our core mission: accelerating the deployment of efficient technologies that protect the environment without compromising economic viability. In this spirit, we've joined forces with CDP to co-organize "For Cities By Cities" workshops, where local governments showcase bold actions, inspire one another, and spark the replication of what works. Through these efforts, we not only

highlight homegrown innovations but also help territories in transition identify and implement the solutions they need – amplifying their impact and shining a light on their leadership.



Collaborations

In the spirit of continuous collaboration and diversification of support, the Foundation has decided this year and for the years to come to pursue diverse collaboration. In this context, we are proud to have signed new agreements with the following organisations:

The CCIFI Challenge Supports the Solar Impulse Foundation

A GLOBAL SPORTS INITIATIVE TO DRIVE ENVIRONMENTAL AND ECONOMIC PROGRESS

From April 8 to May 5, 2024, 24 French Chambers of Commerce abroad came together for a global, interactive sports challenge in support of the Solar Impulse Foundation. Organised by CCI France International, this initiative demonstrated a shared commitment to sustainability and social responsibility. The funds raised contributed to the Solar Impulse Foundation's mission of promoting over 1,500 clean and profitable solutions to address ecological challenges while fostering economic growth. These solutions, accessible via the Solutions Explorer, are designed to enable large-scale implementation of sustainable practices worldwide.



- > **Objective:** Foster global ecological and economic progress through collective action
- > **Program:** A sports challenge uniting 24 French Chambers of Commerce abroad
- > **Impact:** Raised funds for the Solar Impulse Foundation and promotion of clean, profitable solutions worldwide

2050NOW and Solar Impulse Foundation: A Strategic Collaboration for Sustainable Transformation

JOINT EFFORTS TO ACCELERATE THE ECOLOGICAL TRANSITION

In 2024, the Solar Impulse Foundation joined forces with Maison 2050NOW to promote sustainable transformation and ecological transition in the building sector. This partnership emphasised knowledge-sharing, strategic debates, and the implementation of innovative solutions. The Foundation contributed its expertise to co-designing 2050NOW's accelerator, labelling efficient solutions, and supporting their deployment, while also sharing best practices and facilitating connections between solution providers and potential clients. Bertrand Piccard, brought his insights to key events like the Global Trends Forum, reinforcing the collaboration's impact.



Entretien exclusif

« L'innovation représente un paradoxe »

Dans la suite du succès de son tour du monde en avion solaire, Bertrand Piccard, explorateur en série, psychiatre et pionnier des technologies propres, a réussi avec sa fondation Solar Impulse à identifier plus de 1000 solutions capables de protéger l'environnement de façon financièrement rentable. Son but est maintenant de les amener aux gouvernements et aux entreprises pour les aider à accélérer la transition vers une économie décarbonée. Nous lui avons demandé sa vision sur les conditions de déploiement d'une bonne idée.



Bertrand Piccard

Explorateur en série, psychiatre et pionnier des technologies propres
Président de la Fondation Solar Impulse

Sylvain Louradour : cet ouvrage collectif, Scale up the future, interroge les conditions du passage à l'échelle d'une innovation constructive et responsable. Quelles sont selon vous les conditions de déploiement d'une « bonne » idée ?

Bertrand Piccard : Il ne suffit pas de pousser des innovations avec des subventions et des incubateurs, il faut surtout les tirer vers le marché en leur trouvant des utilisateurs. Le succès de la transition écologique dépend donc moins du développement continu de nouvelles technologies que de la création de conditions cadres permettant d'adopter

ces innovations et de profiter ainsi de tous les bénéfices qui les accompagnent. Puisqu'il existe pléthore de solutions qui protègent l'environnement et sont économiquement rentables, alors il conviendrait de moderniser les lois, les réglementations et les normes pour faciliter le déploiement de ces solutions sur le marché et ainsi soutenir les collectivités et les entreprises dans leur transition.

Une autre condition est la nécessité d'améliorer les compétences. Il s'agit ici d'une affaire qui concerne l'ensemble de la société, et dont les bénéfices ne sont pas réservés aux seuls innovateurs. Il y a ceux qui développent les technologies, ceux qui créent les conditions pour encourager leur adoption, et puis il y a les véritables acteurs de cette transition - ceux qui installent réellement ces technologies. Et c'est là que le bât blesse : il n'y a pas assez de personnes formées et équipées pour installer les nouvelles solutions techniques comme les isolations de bâtiments, les panneaux solaires, les pompes à chaleur et autres technologies de ce type.

SL : faut-il selon vous faire une confiance totale à l'innovation ?

BP : l'innovation représente un paradoxe. Elle est bien sûr une nécessité si elle est une émanation du génie humain en marche vers une meilleure qualité de vie, mais ce n'est pas toujours le cas.

Souvent, l'attente de nouvelles solutions qui n'existent pas encore devient un alibi pour ne pas faire aujourd'hui ce qu'on pourrait déjà faire !

On croit faussement que l'innovation nous sauvera dans le futur et que nous pouvons continuer sans conséquences les erreurs actuelles. D'où de l'inaction, de la paralysie et une mauvaise image de l'innovation. J'en veux pour preuve cette insulte qu'est devenue l'expression « techno-solutionnisme » ! Soyons conscients que la technologie peut sauver l'humanité autant que la détruire. Tout dépend de ce que nous en faisons.

➤ **Objective:** Strengthen ecological transition through strategic collaboration and actionable solutions

➤ **Program:** Contributions included participation in 2050NOW's Do-Tank sessions, expert input on sustainable building themes, and support for labelling and scaling efficient solutions

➤ **Impact:** Enhanced matchmaking events, promoted solutions for the 2050NOW's accelerator

A Strategic Collaboration with Canton de Vaud to accelerate the International Expansion of 10 solutions

EMPOWERING A SELECTION OF 10 VAUD-BASED SOLUTIONS FOR GLOBAL IMPACT

The Solar Impulse Foundation and the Canton of Vaud have launched a pioneering collaboration to propel local cleantech solutions onto the global stage. Over the next year, ten innovative and sustainable solutions from Vaud, as Solar Impulse Efficient Solutions, will benefit from tailored support to access international opportunities. This partnership reflects the Canton of Vaud's commitment to driving ecological transition while enhancing its global reputation as a leader in sustainable innovation. The selected companies, ranging from energy-efficient systems to agrivoltaics and smart networks, will represent the region's excellence at international forums and events, such as the Pioneer Forum and the "Ville de Demain" exhibition.

➤ **Objective:** Support the ecological transition and economic growth of Vaud-based companies

➤ **Program:** Tailored international support for ten selected clean tech companies

➤ **Impact:** Strengthened positioning of the Canton of Vaud as a global hub for sustainable innovation



SOA

The Solar Impulse Foundation (SIF) and Sustainable Ocean Alliance (SOA) joined forces to announce the launch of the Ocean Solution Label in 2024. This new label seeks to recognise companies and startups providing ocean-positive solutions that restore and sustain ocean health, building on SIF's Efficient Solution Label. Drawing on the globally recognised expertise of the Solar Impulse Foundation evaluating clean and profitable Solutions, this initiative strengthens the Sustainable Ocean Alliance's commitment to identifying, supporting, and scaling high-impact ocean solutions. By merging SOA's leadership in ocean innovation with SIF's rigorous evaluation process, the Ocean Solution Label aims to elevate ocean-focused businesses, ensuring they receive global recognition and support.



GAHP

C.H. ROBINSON GRANT: ACCELERATING CLEAN SOLUTIONS IN MOBILITY AND LOGISTICS

The Solar Impulse Foundation received a grant from C.H. Robinson to advance clean and efficient solutions within the transportation and logistics sector. This grant directly supports the Foundation's mission to accelerate the adoption of Solar Impulse- solutions that address critical challenges such as reducing emissions, optimising transport routes, and enabling zero-carbon last-mile delivery. The funding will help organise targeted matchmaking events, highlight success stories through the Pioneer Awards, and facilitate investment opportunities via the Runway platform. These initiatives aim to connect innovators with adopters, investors, and key industry players, paving the way for impactful decarbonisation across global supply chains.

- **Strategic Grant:** Financial support to boost implementation of clean solutions in transportation and logistics.
- **Key Initiatives Supported:**

- **Matchmaking Events:** Connecting solution providers with adopters to accelerate implementation.
- **Pioneer Awards: Showcasing success stories and inspiring industry adoption.**
- **Runway Platform: Facilitating investments for innovative mobility and logistics solutions.**

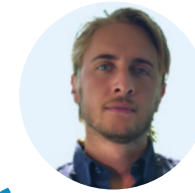
Academic Collaborations

In 2024, the Solar Impulse Foundation strengthened its commitment to advancing clean and profitable solutions through strategic collaborations with academic institutions. These collaborations leverage the rigor and innovation of academia to address global sustainability challenges effectively. By engaging with universities, SIF benefits from cutting-edge research, innovation, and the involvement of talented students and faculty members who are passionate about creating a sustainable future. These collaborations not only enable impactful research on environmental and social impacts but also help the foundation to develop innovative financial and technical models for scaling cleantech solutions. Through student projects, internships, and co-authored research, SIF nurtures the next generation of sustainability leaders while advancing its mission of promoting efficient and scalable clean technologies.

Master's Thesis: AI-model for Cleantech classification

Damien Gomez Donoso

Master student in Data Science at EPFL in Switzerland spent 6 months at the Foundation (February – August 2024) to develop a highly efficient model capable of detecting and classifying the most impactful cleantech companies, significantly enhancing SIF's outreach capabilities through artificial intelligence. He successfully defended his master thesis and received the maximum grade possible.



“ We are committed to leverage AI responsibly by adopting environmental considerations and efficiency as guiding principles in our AI solutions development to accelerate our mission.”

Louis Gony, Data & AI Manager



Master's Thesis: Innovative Financing Models for Cleantech

Zoé Hudson Marsaly a Master student in Finance at EPFL in Switzerland started a 6 months internship at the Foundation (September 2024 – February 2025) to conduct a study titled “Understanding Servitisation in the Cleantech Industry”. This research aims to explore the organisational and financial impacts of servitisation within SMEs and provide actionable insights to support their transition to service-oriented business models.

Internship Project: Scaling the portfolio, inclusion of non-technical Solutions

A diverse group of students joined SIF to contribute to a project focused on broadening its portfolio by incorporating non-technical, which encompass behavioural and political solutions:

- **Joia d'Arenberg**, a Master's student in Business & International Relations at IE University, Spain (May–July 2024)
- **Kamil Bernard Taghi**, an engineering student at ESME Sudria Lyon, France

(June–July 2024)

- **Maëlle Shana Truchement**, a Master's student in Microtechnology at EPFL (July–August 2024)
- **Benoît Marie Félicien Prudhomme-Lacroix**, a Master's student in Mechanical Engineering at EPFL (July–August 2024)
- **Albrecht Tribukait**, a high school student from Menlo-Atherton High School, California, USA (September 2024)

Together, this international team collaborated to create innovative strategies that promote behavioral and political solutions, accelerating the adoption of sustainable practices across industries and communities.

Internship Project: Scaling Up Climate Impulse Academy Workshops

Gabriel Liam Benato a Master student in Life Science at EPFL in Switzerland spent 6 months at the Foundation (April – September 2024) on a project focused on expanding the reach and impact of the Solar Impulse Foundation workshops for public and private entities, aiming to educate and engage a broader audience on sustainability topics and showcase impactful solutions that can be applicable in multiple sectors.



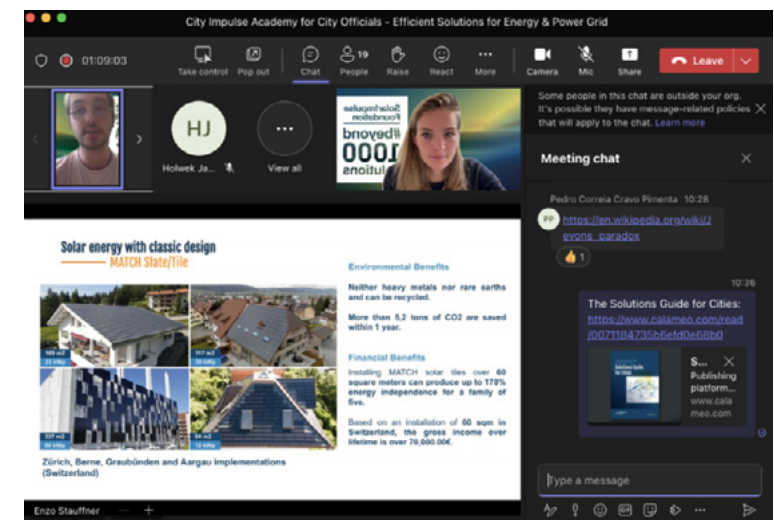
Group Project: Grand Challenge Project

Three students from HEC Lausanne, Switzerland – Björn Favre, Nikola Maurice, and Lorena Senaris Costa – participated in a group project from March to June 2024. Their research addressed key barriers to the adoption of efficient clean technologies. By identifying obstacles and proposing actionable solutions, the team contributed to advancing SIF’s strategic initiatives for sustainable innovation. This project also provided an excellent opportunity for the Foundation to exchange with seven esteemed Swiss companies – Pictet Wealth Management, Migros Vaud, Tetra Pak, Autoneum, Swisspod Technologies, and Destinus - that were part of the program. By working side by side with these like-minded businesses, SIF not only strengthened its network but also fostered a vibrant exchange of ideas, perspectives, and strategies, amplifying the collective impact of this grand challenge initiative.



“ Addressing grand societal challenges requires a collective approach where academia and industry converge. This project exemplifies how strategic partnerships can drive meaningful innovation and sustainable solutions.”

Dr. Enrico Bergamini, Startup Analyst at FONGIT, Lecturer at HEC Lausanne and Business School Lausanne leader of the project.



Presentations and Workshops by SIF Team Members

In 2024, SIF team members actively engaged with academic, professional, and interdisciplinary audiences through impactful presentations and workshops, fostering knowledge-sharing and dialogue on sustainability:

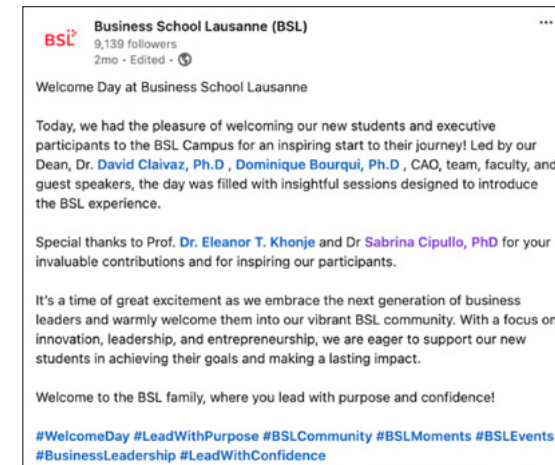
- University of Neuchâtel (May 2024):** “From Technical Innovation to Institutional Innovation: Advocating for Efficiency” emphasised the pivotal role of institutional transformation in driving sustainable development.



- EPFL (May 2024):** “From Credibility to Capital: How the Efficient Solution Label Advances Sustainable Innovation” highlighted how the Efficient Solution Label bridges credibility and financial viability to accelerate sustainable innovation.



- Climate Robotics Summit (May 2024):** SIF participated in a roundtable discussion, “Localisation, Ethics, and the Future of Climate Robotics.” The session explored ethical considerations and localised approaches to leveraging robotics for climate change mitigation.



- Business School Lausanne (BSL) (September 2024):** “A better society is within reach” This session addressed the urgent and often divisive issue of climate action, emphasizing that, when approached correctly, the ecological transition presents an opportunity to address not only climate change but also economic and social challenges.
- FormAction by Erik Grab, hosted by Accenture (Paris) (December 2024):** “IA - Les Solutions Labellisées à Passer à l'échelle” showcased how AI-driven, solutions are crucial for advancing ecological and social transitions.

Global press 2024

For this 2024, there were several exciting initiatives to share with the press and their audience. According to the numbers provided by the media platform, Meltwater, the Solar Impulse Foundation has been featured in 2,440 articles equivalent to 7 publications per day. During this year, Bertrand Piccard, Initiator and president of the Solar Impulse Foundation, provided more than 170 interviews to the press for online, radio, print and TV publications. We appreciate the impact that many of these T1 media articles have created a wave of T2-T3 media publications which further amplify our message.

› Solar Impulse Foundation featured in 2,440 articles

› During this year, Bertrand Piccard, provided more than 170 interviews to the press for online, radio, print and TV publications

Some of the biggest publications include:

- **CNBC** - 15.4.2024
"Green hydrogen tech boss warns of AI energy consumption risk"
- **CNBC** - 9.08.24
"This could be the first hydrogen-powered aircraft to fly non-stop around the globe"
- **WIRED** - 8.10.2024
"This man found 1650 ways to turn profit while decarbonising" - bonizing
- **REUTERS** - 01.24.24
"Policy Watch: Solar Impulse pilot Piccard calls for new narrative to take political heat out of climate action"
- **Financial Times** - 8.8.2024
"World's first hydrogen-powered flight to showcase future of aviation"
- **Taggespiegel** - 7.2.2024
"Sohn aus berühmter Abenteurerfamilie: Schweizer will mit Wasserstoff-Flugzeug nonstop um die Erde fliegen"
- **La Repubblica** - 7.2.2024
"Bertrand Piccard, il giro del mondo su un aereo a idrogeno"
- **DeTijd** - 7.2.2024
"Syensqo vliegt de wereld rond op waterstof"
- **La Vanguardia** - 11.2.2024
Bertrand Piccard: "Mi avión de hidrógeno revolucionará la aviación"
- **l'Opinion** - 10.24.24
Bertrand Piccard «Le combat pour le climat se développe de plus en plus sur le terrain administratif: que les partis politiques arrêtent de prendre l'écologie en otage»
- **BLICK** - 21.05.24
Bertrand Piccard et Vera Weber débattent de la loi sur l'électricité «Vera, je vous adore, mais c'est de la démagogie»

Press – Exhibition “Ville de Demain”

Our “City of Tomorrow” exhibition attracted the attention of the major Belgian, Swiss and French media. In total, the exhibition was the subject of 20 articles online, in the written press, on television and on the radio, with an audience of over 11 million according to studies by the media platform, Meltwater. This figure does not include the audience reached on television and radio. Here are some of the articles that have featured the show:



→ Le Vif - 18 Sept 2024
«L'industrie peut devenir propre et l'écologie rentable»



→ LN24 - 15.10.2024
«Rêver les villes de demain avec l'explorateur Bertrand Piccard»

PRESS COP29

During COP29 in Baku, Bertrand Piccard and the Solar Impulse Foundation received the coverage of multinational media who featured several initiatives including the Efficiency Fund Initiative in collaboration with the EIB; the “Solutions in Action” publication in collaboration with the Global Renewable Alliance; the green hydrogen plan Climate Impulse; the Blueprint for Solutions with UNEP amongst others.

Throughout the summit, Bertrand Piccard offered a total of 20 interviews online and on-site and provided three chronicles which described an in-depth view of the beginning, middle and end of the COP29. These were distributed in 4 languages across five countries including Switzerland (Le Temps), Spain (EFE Verde), France (La Tribune), Italy (La Repubblica) and Germany (Forum Nachhaltig Magazine).

➤ According to official numbers from Meltwater, from November 11th to November 26th, the SIF and its initiatives were featured in 221 publications, equivalent to an average of 13 daily news articles, amounting to a total audience reach of 283 million readers/viewers not counting the readership who prefers print articles.



Partners & Collaborations

Partners supporting us

The Solar Impulse Foundation and its Partners share a strong long-term vision: a joint commitment in enabling and promoting clean and profitable technologies that have the potential to tackle climate change. Thanks to this continued support, the Solar Impulse Foundation can fulfill its mission, fund the World Alliance for Efficient Solutions and offer all services to its Members entirely free of charge. The Solar Impulse Partners family includes 14 corporate organisations.



The Regions & Cities

International negotiations have for many years operated at the national level of politics, but it is well recognised that cities and sub-national entities have a major role in decarbonising our society. The Solar Impulse Foundation engages with these entities to propose solutions based on their identified needs and help quantify what impact these solutions could have on their territory. By serving as an honest broker, without financial interest in the success of these solutions, the Solar Impulse Foundation acts as an intermediary placed at the center of Innovators' issues and political will. The Région Grand Est has partnered with the Solar Impulse Foundation since December 2019. The Région île de France has partnered with the Solar Impulse Foundation since January 2021.

Regions supporting us



Institutions endorsing us

The Foundation collaborates with numerous international institutions with the aim to demonstrate the business case for environmental protection and to support efforts to move governments, business and civil society toward economic growth that is qualitative rather than quantitative. This form of collaboration takes many forms: advocacy and communications efforts, mutual participation to high-level events, contributions to programs and working groups. Solar Impulse labelled Solutions also benefit from these collaborations via introductions, business opportunities and awareness raising.



Academic Collaborations

In 2023, the Solar Impulse Foundation reinforced its partnerships with leading academic institutions, advancing clean technologies through research, education, and innovation. As part of our mission to promote the adoption of sustainable solutions, collaborating with universities and academic entities worldwide has been vital to harness scientific expertise, boost credibility, and maintain a long-term outlook on sustainability challenges.

These academic partnerships have allowed us to conduct in-depth studies on environmental and social impacts, analyze technological and business trends, and contribute to influential research. Furthermore, they have been instrumental in inspiring and preparing the next generation of sustainability leaders by engaging students in meaningful ways.

Key initiatives in 2023 included supervising MSc and PhD theses, leading research projects, and hosting educational workshops. The Foundation also participated in high-level academic

discussions, delivering lectures on sustainability and innovation at renowned institutions such as EM Lyon and EPFL.

KEY ACADEMIC ACTIVITIES IN 2023:



- **Sustainable Futures Program at EM Lyon:** A 10-week course held from September to December 2023.

EPFL

- Presentation at EPFL: **“From Credibility to Capital: How the Efficient Solution Label Drives Sustainable Innovation,”** delivered in June 2023, with a follow-up scheduled for May 2024.

- Workshop at Collège des Ingénieurs: **“Innovation for Change Program - SDGs Connected,”** held in November 2023.



In addition, SIF continued its active membership in FUSTIC (Future Sustainable Territories, Infrastructures, and Cities), an initiative led by the School of Architecture, Civil and Environmental Engineering (ENAC).

The Foundation also championed effective climate legislation through the PAV Campaign, working alongside 10 entities, including the Enterprise for Society Center (E4S) – a collaboration between EPFL, Université de Lausanne (UNIL), and IMD Business School.

Organisation

The Foundation Board

The Foundation Board oversees the good governance, responsibility and orientation of the Foundation, in line with the mission it has set for itself.

Dr Bertrand Piccard,

Initiator and Chairman of Solar Impulse and Bertrand Piccard SA

Prof Stefan Catsicas,

Member, Founder and Partner of Skyviews, former Vice-President of EPFL and former Executive Board Member of Nestlé

Me Patrick de Preux,

Member, Notary, former State Deputy

Michèle Piccard,

Member, Managing Director, Head of Corporate Communication, Solar Impulse Foundation

Philippe Rathle,

Secretary, CFO, Solar Impulse Foundation

The Strategic Committee

As part of the Foundation's governance structure, a Strategic Committee has been put into place, composed of representatives from the Foundation's partner companies as well as outside Experts renowned for their experience and knowledge in the field of renewable energy and clean technology. The Strategic Committee meets to discuss the Foundation's strategy, opportunities, challenges, best practices and joint activities, providing valuable input and guidance.

Alexandre Mars,

CEO & Founder, Epic Foundation

Michael Liebreich,

Chairman & CEO, Liebreich Associates

Anne Lapierre,

Global Head of Energy, Norton Rose Fulbright

Eric Scotto,

President, Akuo Energy

Diego Pavia,

CEO, EIT InnoEnergy

Kingsmill Bond,

CFA & Energy strategist, Carbon Tracker

Denis Leclerc,

President & CEO, Ecotech Quebec

André Borschberg,

Co-founder & Executive Chairman, H55

François Vuille,

Director of Energy Department/Etat de Vaud; Former Executive Director, EPFL Energy Center

The Patrons Committee

Eminent personalities, brought together through shared values and a commitment to a cleaner world, are supporting us in our goals.

H.S.H. Albert de Monaco

Al Gore

Richard Branson

James Cameron

Hubert Reeves

Sylvia Earle

Yann Arthus-Bertrand

Don Walsh

Robert Swan

Paulo Coelho

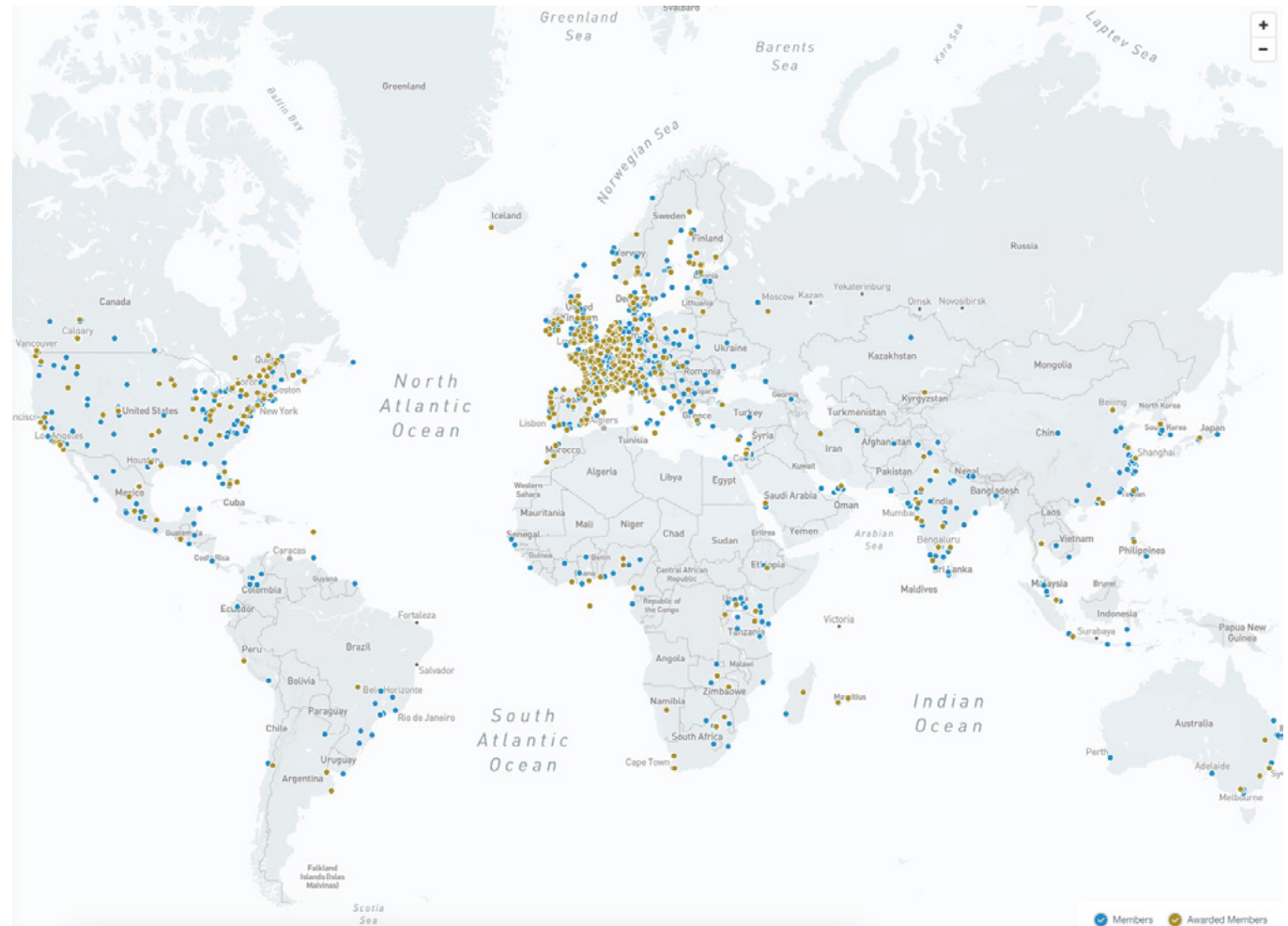
Dr. Sultan Al Jaber



The World Alliance for Efficient Solutions

The WAES is a global network initiated by the Solar Impulse Foundation federating the main actors in the field of clean technologies and efficiency. As an independent global consortium, the Alliance advocates for agile governance in the ecological transition, free from traditional constraints. It connects stakeholders, amplifies positive impacts, and addresses barriers to implementation head-on, resolutely dedicated to pioneering a world in which efficiency is the driving force behind ecological balance and economic health. A global network with over 4,600 members in 121 countries. It has awarded the Efficient Solution Label to more than 1,500 solutions, supported by 300+ Adopters, 182 Promoters, and 197 Investor members. A team of 350+ independent experts assesses these solutions, making WAES a formidable catalyst for change.

> 121 countries represented



Multipliers

2050Now la maison	Cleantech Kiev	EuroACE ASBL	Green Dream Foundation	L'Arche Aux Innovateurs	Plastimobile	French Tech Polynésie
50 Partners	Cleantech Open	Euroheat & Power	Green Tech Cluster	Landhealers Foundation	Plogging Kenya	Techtour
Aclima	Cleantech Open France	European Commission – Horizon Results Platform	GreenCape	Las Brusquitas Greentech Cluster	Porini Foundation	Tenerrdis
ADEME International Club	Cleantech Scandinavia	European Heat Pump Association	Greeninitiative	Le Sommer Environnement	Proveg	The Consumer Goods Forum
AFEP Association française des entreprises privées	Cleantech Slovakia	European Investment Bank	GreenMomentum	Liveability Challenge from Eco-Businesser	Quest For Change	The Earthshot Prize
Agoranov	CLIMATE FOUNDATION	European Round Table of Industrialists	Greenomy	Luxembourg Institute of Science and Technology	Questel	The Full Solar Project
Agropôle	CLIX – Masdar	FAMAE	Greentech Alliance	Make Sense	Race For Water Foundation	The Good Food Institute
Aqua-Valley	Club Open Innovation Paris	FCH Europa	Greentech South	Materialia	Rda Energia	The Good Goods
Association of European Businesses	Cluster Eau Lémanique Evian	Fédération Française du bâtiment	Greentown Labs	McMaster University	REN21	The Hive Effect
ATAG: Air transportation and Aviation Group	COTEC PORTUGAL – Associação Empresarial para a Inovação	FIBOIS	HackSummit	Megafos Global Ltd	Research Triangle Cleantech Cluster	The SeaCleaners
Batimat	Centre scientifique et Technique du bâtiment	Fibres-Energievie	International Cleantech Network	Mersen	Ripple Advisors	Toilet board Coalition
BeClimateHub	DENEFF - Deutsche Unternehmensinitiative Energieeffizienz	FIDIC	IDHUS Institute	Metabolic	Royal Scottish Geographical Society	Triumphsustainability
Bioeconomy For Change	District Cleantech	Finance Brussels	International Energy Agency	Michelin Scotland Innovation Park Accelerator	RTCC	TWEED Cluster Belgium
Bioenergy Europe	DrivingWhatMatters4ESG	Finergreen	Ignite Sweden	Microsoft Environmental Startup Accelerator	RWTH Aachen University	Umwelt Arena Schweiz
Bivwak	E4S - EPFL	Flux50	III Financements	MOVIN ON	Rxglobal	UNCTAD
BlueArk	Ecotech Québec	Fondation Energies pour le Monde	iKare Innovation	myblueplanet	Sea & Industry Business Incubator	UNDP
BP – LaunchPad accelerator	EIB - Institute	Fondation Prince Albert II de Monaco	IMPACT	NECEC	SEE Change Net Foundation	UNEP
BPI	EIC Scaling Club	Fondation Relais-Vert	Impala Hub	NET ZERO CITIES	Segula Technologies	Urban Future
Cambridge Cleantech	EIT InnoEnergy	Food and Agriculture Organization	IMS Luxembourg	New Energy Nexus	Sidenhol	Véhicule du Futur
CanadaCleantech Alliance	EIT Urban mobility	Food and Drink Europe	Industrial Technology Research Institute	NordicEdge	Silesian University of Technology	Venturelab swiss
Cap Digital	Ellen MacArthur Foundation	Foresight - CarbonNext	Innopolis	NyamukAfrica Solutions Limited	Smart Freight Center	VotreCity Monaco
Capenergies	Energy Materials Industrial Research Initiative	Foresight	Innovation citoyenne et développement durable	Ocean Energy Europe	So-REZO	Water Inception
Caribbean Climate-Smart Accelerator	Enerfip	French Cleantech	Innoviris	OCTIA	Solar Power Europe	Waterpreneurs
CCI France International	ENERGIES 2050	French Tech Grand Paris	Inspiring Sustainability	Onsens	SOLEXTER	WBCSD
CDP Cities	Energy Cities	Fundie Ventures	Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência - INESC TEC	Orange Bird Agency	South Summit	WindEurope
CEEBIOS	Energypro	Green Aviation Research and Development Network	International BIOSpherical Settlements Development Fund	Paris & Co	Solar Power On Tour	WIPO Green
CESAL	Entreprise du futur	GCCA Association	IoT Business Hub	Patricia Charla	Startup Basecamp	Wise Holding - Club of Brussels asbl
Changemakers	EnviroOne	Global Covenant of Mayors	IRENA	PEXE – The French Cleantech Network	Station F	World Economic Forum
Cities Race to Resilience	EPFL	GoodMatch	Jumuiya Women Fund	PFE	Sustainable Business Hub	World Elite Solutions
Cities Race to Zero	Epicenter Africa Engineering	Google Startup Advisor: SDG	Kenya Climate Innovation Center	Plan A	Sustainable Ocean Alliance	World Ocean Council
Cleantech Alps	Equal Innovation	Green Business Switzerland	Ksapa	PLANETech	SwissCleanTech	WoW! News
Cleantech Bulgaria	EU Start up Prize for Mobility			Plastic Odyssee	Swissenviro	WWF
Cleantech for Europe	EUREC				SwissPropTech	Ye! ITC
Cleantech Group					Tech4Islands Awards / La	Greenomy
						R3
						Dembaco

Promoters supporting us

Promoters play a key role in advancing the World Alliance for Efficient Solutions' mission. By joining, they commit to expanding access to clean and efficient technologies while boosting their own visibility and influence. Promoters benefit from increased market reach, event amplification, and positioning as leaders in innovation. Their collaboration strengthens global efforts in tackling climate change by connecting solutions, experts, and investors through impactful initiatives. Through this support, the World Alliance continues to grow its network and deliver services free of charge to its members.



“ By engaging with academic institutions, we leverage cutting-edge research and insights to drive sustainable innovation. These partnerships are critical not only to advancing technology but also to shaping the future of climate solutions and nurturing the next generation of leaders.”

Solar Impulse Foundation

[> FULL LIST](#)

The Team

THE TEAM — A SPIRIT AND ACTORS FOR TOMORROW

The spirit of the Solar Impulse Foundation is the cement that brings the team together. Professionals from all walks of life, they know that the future can be written differently, while respecting the quality of life. Driven by their desire to change the world, they are all committed to supporting and accompanying the Foundation's approach. Sharing the same faith in clean technologies, they support and feed Bertrand Piccard's discourse on qualitative growth and invest themselves with passion in the research of new "efficient solutions". Their enthusiasm and commitment make them actors of tomorrow's world.

A pool of multidisciplinary skills

With its 51 employees, including 5 external freelancers, the Foundation has become a real small business that requires attention to internal dynamics and work methods that allow for collaboration, initiative, development of each person's skills and performance.

The objectives set in each department were met and even largely exceeded within an agile organisation, organised by areas of expertise where exchanges between teams facilitate the completion of projects with efficiency and satisfaction.





Professionals from different backgrounds:

- Engineers
- International relations
- Public affairs
- Communication professionals
- Specialists in finance
- Administrative management

DEPARTMENTS:

- Office president: 3
- Public Affairs: 3
- Outreach: 5
- Operations: 6
- Partners: 5
- Investors: 2
- Communication: 5
- Digital: 4
- Finance & Admin: 3



NATIONALITIES:

- Switzerland: 18
- France: 11
- The Netherlands: 1
- Belgique: 2
- Portugal: 1
- Czech Republic: 1
- Greece: 1
- Mexique: 1



- >31 employes / 5 externals
- >15 women employes / 3 externals
- >16 men employes / 2 external
- >35 years 2 month Average age
- >4 years 7 months average seniority

After-work esprit de corps

The esprit-de-corps of the Solar Impulse Foundation is the cement that holds the team together. The team members are always enthusiastic and happy to maintain their esprit de corps in after-work sharing moments.



Finance

FINANCIAL SITUATION

Declared as being in the public interest in 2007, the Solar Impulse Foundation benefits from a tax exemption, both at cantonal and federal level. About 80% of its funding is provided by companies and patrons who are both donors to the Foundation and active participants in its campaigns, in particular in the challenge of identifying 1,000 efficient Solutions. The remaining 20% are supplemented by partnerships concluded with national and regional institutions in order to help them to develop a coherent environmental and economic policy, and to highlight Solutions available in their own territory. Apart from this funding, the Foundation generates no income from its activities.

Analytical Accounts of the Foundation for 2023

		2024	2023	
Partner donations		4'114'399	4'155'694	CHF
Institutional partnerships		1'105'421	1'029'013	
Funding		5'219'820	5'184'706	CHF
Wages	69%	3'349'394	4'066'989	CHF
Fees	12%	574'420	897'888	CHF
Expenses	19%	946'002	951'911	CHF
Charges		4'869'815	5'916'788	CHF
Result		350'005	-732'081	CHF

The Foundation benefits from tax exempt status at the federal and state level. Its financial statements are examined every year by statutory auditors (Fidexaudit Revision SA) in Lausanne.

Partner Donations:

Slight decrease of 1% compared with 2023, with three new partnerships (Aliaxis, Axa and Bouygues) and the end of two previous ones (Solvay and Air France).

Institutional financing:

Increase of 7.5% compared with 2023 with the return of the Grand-Est region partnership.

Salaries and fees

Down 26% on 2023, with a reduction of 6 in the workforce.

Operating Expenses:

Slight decrease of 0.6% compared with 2023.

The Foundation's accounts are audited annually by the Lausanne-based auditors (Fidexaudit Révision SA). Their report on the approval of the accounts is available.

MOVING FORWARD

Looking ahead, the Solar Impulse Foundation will continue to build on its mission to accelerate the adoption of clean and profitable solutions, with a strong emphasis on high-impact sectors such as energy efficiency and the built environment, where scalable innovation can drive meaningful reductions in emissions. At the same time, we will continue delivering visible and transformative initiatives like Climate Impulse, which aims to demonstrate the power of existing solutions through emblematic projects with broad public resonance. By fostering synergies across our ecosystem and working closely with partners in both the public and private sectors, we remain committed to turning innovation into action – and to making clean technologies the norm, not the exception.

Project Direction

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Assistant

Héloïse Lauener

Graphic Arts

Bontron & Co, Genève

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Philippe Rathle
Héloïse Lauener
& the Solar Impulse
Foundation team

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solarimpulse.com
bertrandpiccard.com

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MODERN REGULATIONS - LOGICAL - THIS IS HOW TO ACT NOW
ROAD MAPS - PROTECTION OF THE PURCHASE POWER
NEW BUSINESS OPPORTUNITIES - SHORT TERM BENEFITS
IMPROVING HUMAN QUALITY OF LIFE - CLEAN - SOLUTIONS
ALLOWING SAVINGS - DIVERSIFICATION - MODERN REGULATIONS
EXISTING TECHNOLOGIES - EFFICIENCY - LOGICAL
WE CAN BE MORE MODERN - QUALITY - ECONOMIC IMPERATIVE
MODERNISATION - PROFITABLE INVESTMENT - SOLUTIONS
OPPORTUNITY - NEW PROFESSIONS - ROAD MAPS - CHALLENGING
CURRENT GENERATIONS - ADVANTAGES - SHORT TERM BENEFITS
EFFICIENCY - MODERN REGULATIONS - LOGICAL
THIS IS HOW TO ACT NOW - NEW BUSINESS OPPORTUNITIES
PROTECTION OF THE PURCHASE POWER - CHALLENGING
IMPROVING HUMAN QUALITY OF LIFE - CLEAN - NEW BUSINESS
SHORT TERM BENEFITS - ALLOWING SAVINGS - DIVERSIFICATION
EXISTING TECHNOLOGIES - WE CAN BE MORE MODERN - QUALITY
ECONOMIC IMPERATIVE - PROFITABLE INVESTMENT - SOLUTIONS
MODERNISATION