



Thierry SENECHAL

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NATIONALITY

French

LANGUAGES

English, French, Spanish

AREA OF SPECIALIZATION

Innovation Strategy
Financing Innovation
New Enterprises
Climate Innovation & AI

SUMMARY

Thierry Senechal is an international expert in green technology, climate innovation, and sustainable finance. He empowers startups, early-stage ventures, and corporate innovators to navigate uncertainty, secure funding, and scale climate solutions that drive measurable impact. With a track record spanning 100+ seed-stage investments across 30+ countries, Thierry has worked closely with entrepreneurs to transform breakthrough ideas into scalable, investable businesses. His expertise includes market opportunity identification, financing structures, and commercialization strategies for green tech startups and sustainability-driven initiatives across corporations, governments, and nonprofits. Thierry also collaborates with innovation ecosystem builders, including policymakers, specialized networks, and technology hubs, to drive climate innovation at scale.

EDUCATION

2007	M.B.A. (Massachusetts Institute of Technology), Management of Innovation
2002	M.P.A (Harvard University), Public Policy
1995	M.Sc. (University of London/London Business School), Finance & Advanced Forecasting (Master thesis on Artificial Neural Networks with Distinction)
1992	B.A. (Columbia), Economics & Philosophy (Phi Beta Kappa, Magna Cum Laude)

POSITIONS

2008-	Managing Director, Finance for Impact
2007-2016	Co-Founder, ICC Academy (digital learning)
2002-2005	Executive Director, Public Policy & Innovation, Mazars Group
1997-2001	Data Mining Expert, Valuation and Verification Support Branch, United Nations
1992-1997	Data Analyst, Charles Taylor (formerly Seri-Expert/McLarens)

PROFESSIONAL ACCREDITATIONS

- Accredited Expert, Solar Impulse Foundation (attributing the Solar Impulse Efficient Solution Label to innovative climate technology projects).
- Accredited Climate Expert, European Union (EU) Green Assist Roster
- Accredited Blue Economy Expert, European Union (EU) BlueInvest Roster
- Sustainability and Climate Risk (SCR) Certificate, Global Association of Risk Professionals (GARP)

SELECTED REFERENCES

EU GREEN ASSIST Program

- Led advisory services for **green technology enterprises**, identifying market opportunities, designing funding structures, and integrating **sustainability into the business model**.

Air Purification Innovation

- Advised a startup **launching an air purification system** that transforms air pollution into oxygen and biomass using **photosynthetic processes**.

AI-Driven Precision Spraying

- Supported the market launch of an **AI-enabled sprayer** equipped with smart cameras and sensors to target crops and weeds precisely, cutting herbicide and fertilizer use by up to **95%**.

Real-Time GHG and Soil Monitoring

- Guided the development of a **sensor-based system** to measure and monitor **GHG emissions** and **soil organic carbon** changes in real-time, leveraging **field sensors, remote sensing, and digital platforms** for sustainable agriculture.

Digital Transformation Assessment

- Advised the European Commission on the **digital transformation** efforts required in 21 countries, focusing on identifying key investment needs to support digital infrastructure and the growth of digital economies.

Reusable Packaging Solution

- Advised on launching a **B2B reusable packaging model** for food delivery, enabling a switch from single-use to reusable crates with integrated circular economy services.

Wastewater Treatment for Agriculture

- Supported deploying an innovative **Photo-catalytic Nano Filtration Remediation (PNFR)** system that removes micropollutants like pesticides, enabling **wastewater reuse** in agriculture while reducing carbon emissions and water consumption.

Waste Recycling in the Circular Economy

- Advised on the business model for launching an **innovative brine treatment technology** enabling the recovery of valuable materials, such as **salts and water**, from industrial wastewater streams. The project promotes **circular economy practices** by transforming waste into resources while addressing environmental challenges linked to brine disposal.

Wave-Powered Desalination and Energy Solution

- Facilitated the launch of a **wave energy-powered solution** delivering up to **1,000 m³** of freshwater or **5 MW** of electricity per hour, addressing global water scarcity with renewable ocean-based systems.

Solar Industrial Heat Generation

- Advised on scaling a **solar collector system** with sun-tracking mirrors for sustainable industrial heat production, replacing fossil fuel boilers and reducing **CO₂ emissions**.

Bio-Based Materials Strategy

- For Andaltec (Spain), developed a **green business strategy** and financial model for scaling **bio-based material innovations**.

Nature-Based Solutions (NbS)

- Advised on creating scalable **business models** for early-stage **reforestation** and ecosystem restoration projects to attract investment for **large-scale European implementation**.

Climate-Resilient Investment Pipelines

- Designed **climate-resilient technology investment pipelines** for the **European Investment Bank (EIB)**, targeting renewable energy systems, infrastructure, and smart food innovations.

Energy Access for Vulnerable Communities

- Advised an energy fund on deploying **off-grid solar systems, hybrid solutions, and smart grids** to address energy access challenges in underserved regions.

Regenerative Agriculture and Forestry Investments

- Identified investment opportunities in sustainable forestry and regenerative agriculture.

Global Innovation Analysis

- Served as a peer reviewer for the **MIT Green Future Index**, evaluating global advancements in **climate resilience, energy transition, and low-carbon innovations**.

Decarbonization and Climate Governance

- Guided financial institutions and corporations in implementing **decarbonization strategies** through innovative technological solutions.

Green Technology Fund Performance

- Evaluated fund performance, providing financing and advisory services for businesses **adopting green technology** in **renewable energy, water-saving systems, and energy-efficient solutions**.

Climate Technology Investments

- Facilitated **climate technology transfers** to developing countries under the **UNEP Climate Technology Centre & Network**, promoting green innovations.

Biodiversity and Natural Capital Fund

- Developed a fund platform combining **regenerative agriculture, sustainable forestry, and nature-based solutions**, mobilizing private capital for positive environmental impact.