Mobilize financial capital in Switzerland in order to reduce Greenhouse Gas (GHG) emissions through both accelerated electrification and reduction of private motorized mobility solutions towards a low-carbon, climate-resilient, just, and inclusive Swiss mobility system.
About the TransCap Initiative

Vision
To improve the way sustainable finance is purposed, programmed, deployed, and managed so that money can become a transformative force in building a low-carbon, climate-resilient, just, and inclusive society.

Mission
To build a collaborative and inclusive innovation space for developing, testing, and scaling a new investment logic at the intersection of systems thinking and finance practice.

Ambition
To establish systemic investing as a new sustainable finance paradigm, offering an alternative to more traditional purpose-driven approaches such as ESG, socially responsible investing, and single-asset impact investing.
Core Principles for TransCap’s Systemic Investing Practice

Aim for deep, structural, and irreversible change to create a low-carbon, climate-resilient, just, and inclusive future.

Strategically combine market-rate investment capital, concessionary capital, philanthropic grants, and public finance.

Tackle climate change, biodiversity loss, social inequality, and other complex systemic issues.

Compose portfolios of multi-asset-class, multi-stage investments brought into synergistic alignment to create combinatorial effects.

Pull on multiple levers of change, engage social and political capital, and coordinate actions across different societal stakeholders.

Use the mindsets, tools, and methods of systems thinking and complex systems science.

Start in cities, landscapes, agricultural supply chains, coastal zones, and other socio-technical systems.

Systemic Investing is the application of systems thinking to addressing societal problems through the strategic deployment of diverse forms of capital, nested within a broader systems change program and intended to transform human and natural systems.
Context & Overall Purpose

• The Net-Zero Mobility in Switzerland prototype is one of several real-world experiments operating under the global TransCap Initiative.

• Like all TransCap prototypes, its principle purpose is to **put the theory into practice**, in order to...

  – Generate tangible impact for the communities that depend on the systems we aim to improve,
  – Produce knowledge and insights that enable us to refine and improve systemic investing,
  – Provide the reference transactions, proof points, and track record for field-building, and
  – Supply the themes, plots, settings, characters, and stories for our narrative work.
Why Net-Zero Mobility? Why Switzerland?

Switzerland's net-zero mobility transition provides an ideal prototyping context for the TCI because...

- Switzerland is a strong economy with little political and currency risk, therefore being attractive for investors.

- The mobility system is complex yet tangible and can be thoroughly analysed. It also offers varied entry points for investment and a rapidly evolving investable universe.

- The challenge of net-zero mobility transition is highly relevant, as “Light Road Traffic”—the focus of our work—is the Swiss economic sector with the greatest net-zero investment need.

Specific Objectives

Generate demonstration effects around the essential process steps in systemic investing, including:

- Mapping the Swiss mobility system in a way that informs portfolio construction,
- Designing, structuring, and capitalizing a multi-asset-class strategic investment portfolio,
- Nesting the investment portfolio within a broader system intervention approach, and
- Running learning and sensemaking protocols to extract strategic insights for follow-on investments

The key output is a set of assets that will build the cornerstones of an investment structure open to third-party private and institutional investors.
Where We Stand Today

Leveraging models and methodologies from complex systems science and futures thinking, we have:

- Conducted comprehensive secondary research & interviews, sensemaking sessions and workshops with stakeholders from finance, industry, academia, politics, and civil society.

- Refined our understanding of electric vehicles as a key enabling technology in the overall mix of Switzerland’s net-zero mobility ambition through tools such as the 3 Horizons model.

- Depicted the Swiss mobility system in a systems map, a web of interrelated elements and connections forming causal loops which allow for deep analysis of the fundamental dynamics enabling or blocking transformative progress.

- Identified a set of high-potential strategic leverage points, which we understand to be places within complex systems where a small shift in one thing can produce big changes in everything else.

These insights inform a system transformation strategy, describing how a select set of interventions can be used to help shift the Swiss mobility system towards a low-carbon, climate-resilient, just, and inclusive future.
# Our Theory of Change

## Combined intervention strategies

1. Supporting the build-up of clean infrastructure in Switzerland (PV systems and charging infrastructure)
2. Increasing installation capacities in Switzerland for clean infrastructure
3. Increasing the availability and attractiveness of “mobility as a service” offerings in Switzerland
4. Accelerating urban spatial planning that disincentivizes car-usage
5. Supporting infrastructure build-up for white spots (underserved areas due to low utilization rate)

## Outcome

1. Increased willingness to shift, leading to accelerated transition from internal combustion engine to electric vehicles
2. Increased willingness to adopt alternatives to car ownership, leading to reduced numbers of cars

## Impact

Accelerate the decarbonization of the Swiss mobility system through significant greenhouse gas emission reductions, while ensuring equal access to mobility solutions across the country and society.
Investment Program Designing investment programs with appropriate accountability, governance, and legal structures

What’s next

Funding Architecture
Taking a polycapital approach to funding different interventions in a systems change program

Investment Program Design
Designing investment programs with appropriate accountability, governance, and legal structures

Strategic Investment Portfolios
Building multi-asset-class, multi-stage portfolios of strategically linked investments

Nesting
Nesting an investment portfolio within a broader systems intervention approach

Systemic Impact Evaluation
Focusing on system dynamics and properties in measuring success, not on static outputs

Learning & Sensemaking
Continuously studying and integration emerging dynamics within a system to refine insights
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