

Organizing Partners



Event Partners



Conference on Novel Data Solutions

Wednesday, 6 October 2021

Sustainable finance relies on advances in the quality of environmental, social and governance (ESG) data to improve investment transparency. To address the challenges and solutions in the field of sustainable finance technology, ZHAW School of Management and Law and Swiss Sustainable Finance, supported by Innosuisse, are **jointly organising a series of networking events in 2021 and 2022.**

The goal of the **first conference on 6 October 2021** is to allow participants from the financial sector to gain an insight into cutting edge technologies that can transform the data behind sustainability reporting and risk analysis. Ideal networking opportunities are offered as well as the chance to discuss the latest developments with experts in person.

Programme

8:00	Registration
–	
8:30	
8:30	Welcome by Tomasz Orpiszewski (ZHAW) and Sabine Döbeli (SSF)
–	
8:45	
8:45	Keynote Speech by Stefan Flückiger , Deputy State Secretary of SIF, representing SIF in its function as Co-founder of the Green Fintech Network
–	
9:00	
9:00	1st thematic block: Textual information and Natural Language Processing
–	
10:00	

	<p>What to expect: In this section, approaches to data insights through textual analysis, including natural language processing, will be examined and demonstrated within the context of raw data for financial disclosure and ESG risk assessment.</p> <ul style="list-style-type: none"> - Data Collection Approach for Impact Investment: NLP-assisted Mapping of Patent Applications to GreenTech and UN/SDGs (Jochen Spuck, Chief Technology Officer, EconSight) - Source to Signal: From a systematic assessment of media-reported ESG violations to application in asset management (public and private markets) (Heiko Bailer, Head ESG Quant Investment, RepRisk)
10:00	2nd thematic block: Spatial Solutions
–	
10:30	<p>What to expect: In this section potential solutions to monitoring impact investment and climate risk are highlighted, with a particular focus on risk models and satellite imagery being used to monitor real world changes.</p> <ul style="list-style-type: none"> - Enabling and Accelerating a Global Restoration Movement (Stephanie Feeney, Head of Partnerships, Restor)
10:30	Coffee Break
–	
11:00	
11:00	Continuation of 2nd thematic block: Spatial Solutions
–	
12:30	<ul style="list-style-type: none"> - Climate Risk Data Explained: Foundation of climate risk data and systems (Oliver Marchand, Managing Director, Global Head of ESG, MSCI Carbon Delta) - Impact investment Data Monitoring: Towards a deforestation-free portfolio. Real-time satellite-based monitoring of agricultural and forestry commodity supply chains (Nanne Tolsma, Head of Client Relations, Satelligence) - Case Study: Risk Assessment and Sustainability in the Mining Sector: Assessment of sustainability at over 200 mine sites and 40 mining companies worldwide. Outlook for future applications on stocks, bonds and commodities (Pierre De Pasquale, Head of Stakeholder Engagement at Responsible Mining Foundation, ZHAW)
12:30	Lunch
–	
14:00	
14:00	3rd thematic block: Life Cycle Assessment (LCA) and Others
–	
15:30	<p>What to expect: This section looks at how life cycle assessment can inform risk assessment for investments and equity portfolios.</p> <ul style="list-style-type: none"> - Risk Assessment: Powering sustainable investment in food supply chains using spatial data to monitor climate, water and biodiversity risks (Juergen Reinhard, Senior Sustainability Consultant, Quantis, GeoFootprint) - Data for Equity Portfolios: Enhancing LCA through physical and company data to construct biodiversity footprint tools for equity portfolios (Antoine Vallier, Biodiversity Footprint Expert, CDC Biodiversité)

	- Let's get physical: Comparing metrics of physical climate risk: Uncertainties and divergence in physical risk metrics (Linda Hain, Markus Leippold, UZH)
15:30 – 16:00	Coffee Break
16:00 – 16:45	Panel Discussion – Divergence of ESG Ratings – Flaw or Opportunity? Panel Speakers: Michael van der Meer , Head of Sustainable Investment Specialists, Credit Suisse Regina Schwegler , Head of Research, Inrate Tomasz Godziek , Portfolio Manager Sustainable Equity, Bank J. Safra Sarasin
16:45 – 17:00	Wrap-up and Outlook on Workshops and Innosuisse projects
17:00 – 18:00	Apéro

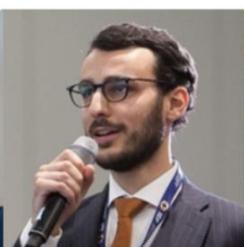
Unsere Referenten



Dr. Jochen Spuck
Econsight,
Managing Director & CTO



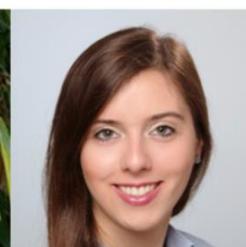
Dr. Heiko Bailer
RepRisk,
Head ESG Quant Investments



Pierre De Pasquale
Responsible Mining
Foundation,
Head of Stakeholder
Engagement



Nanne Tolsma
Satelligence,
Head of Client Relations



Linda Hain
University of Zurich,
PhD Researcher



**Stephanie Feeney
Restor**,
Head of Partnerships



Dr. Juergen Reinhard
Quantis,
Senior Sustainability
Consultant



Antoine Vallier
CDC Biodiversité,
Biodiversity footprint expert



Dr. Oliver Marchand
MSCI Inc.,
Global Head of ESG Research
& Models



Dr. Markus Leippold
University of Zurich,
Professor, Chair in Financial
Engineering