



Flanders
State of the Art

AI to speed up Circular Transition

SustainableSolutionsMatch

Welcome!



Welcome & Introduction

Who's moderating?

Outi Toivanen
Sustainability Advisor

EEN
Helsinki Region Chamber of Commerce



Session Agenda

- Welcome & Introduction
- Keynote: We should prioritize the development of artificial intelligence to foster a more sustainable future by Aapo Tanskanen, RenessAI
- Pitch Presentations:
 - Pitch 1 **ImpactGenie**: Jan Leyssens (Belgium)
 - Pitch 2 **ExoMatter**: Katharina Latsch (Germany)
 - Pitch 3 **Fruggr by Digital4Better**: Vincent Ducas (France)
 - Pitch 4 **Neuralio**: Stylianos Kotsopoulos (Greece)
 - Pitch 5 **Mitigate**: Arvis Zeile (Latvia)
 - Pitch 6 **Make a BIM**: Leo Salomaa (Finland)
- Closing Remarks



A few reminders

- **Mute Policy:** Please remain muted unless speaking to avoid background noise.
- **Q&A:** Please use the chat to ask questions from the pitchers. We will have a live Q&A session after the last presentation, so please stay tuned until the end!
- Please, remember to use the B2Match matchmaking tool to schedule meetings!
- **Session Recording:** This session will not be recorded.
- **Time management:** Pitchers, please keep track of your time. We will inform you when time has passed.
- **Technical Issues:** If you encounter issues, use the chat to notify the host.





renessai

Keynote

REAL LIFE SUSTAINABILITY WINS WITH THE HELP OF AI

Renessai — the strategic AI company

Aapo Tanskanen
Co-founder & CTO



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We now live in the age of democratized AI capabilities.

Everyone now has access to large language models (LLMs), which can be used to develop solutions that, just a few years ago, would have required specialized data scientists



The widespread adoption of LLMs also means a massive increase in energy consumption.

Hundreds of billions of dollars are being invested in building new data centers, which require additional power plants

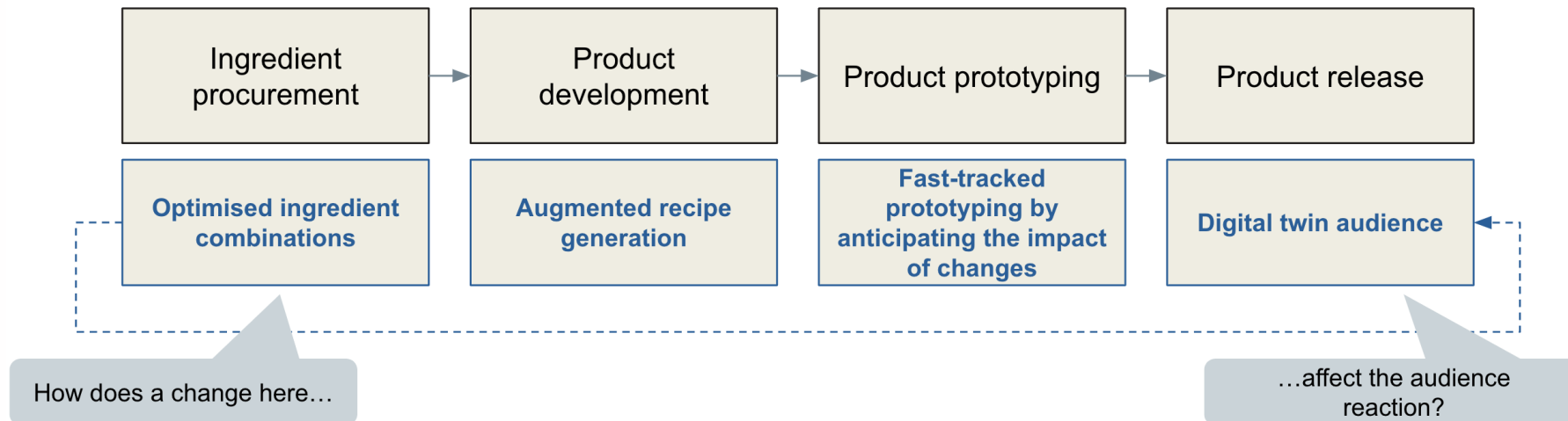


But, AI and sustainability can go hand in hand.

We have successfully harnessed energy-efficient AI techniques to optimize processes, reduce waste, and create a positive impact.



AI-optimized product development process enables greater sustainability at American multi-billion dollar company.



Disclaimer

Our people have worked with this case before Renessai



Data & AI enables accurate measurement and optimization of cloud computing emissions at Aiven.

The tech sector is responsible for around the same volume of carbon emissions as the aviation industry

Aiven, a global open-source data platform company, can now offer precise cloud computing emissions calculations for its customers, empowering them to optimize emissions thanks to data and AI techniques.

Disclaimer

Our people have worked with this case
before Renessai



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p

Renessai — the strategic AI company

Aapo Tanskanen

Co-founder & CTO

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renessai



Pitch Presentations

Time to meet the innovators!

Pitch 1
ImpactGenie
Jan Leyssens (Belgium)



**Create impact strategies for your
clients in minutes, not weeks**

IMPACTGENIE

Jan Leyssens
Co-founder

ImpactGenie



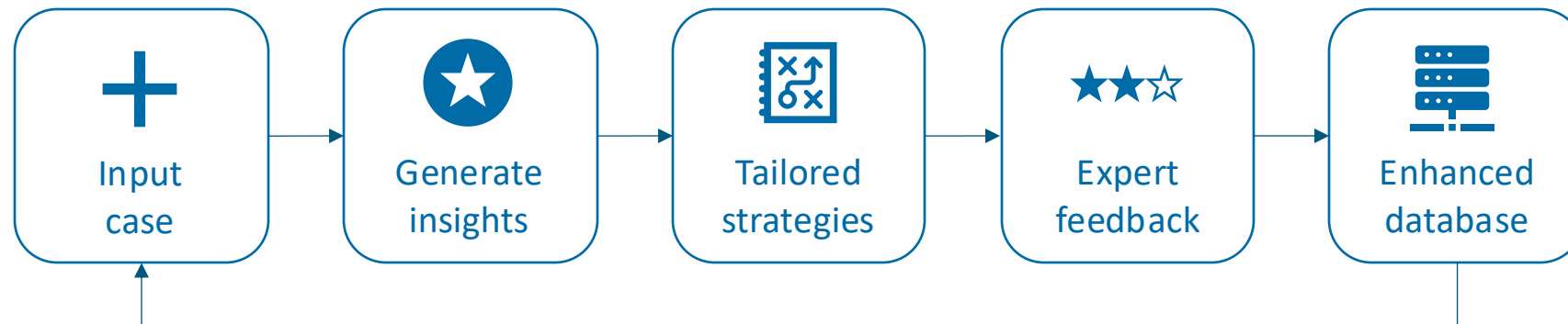
Your strategic sparring partner for transforming data into impact

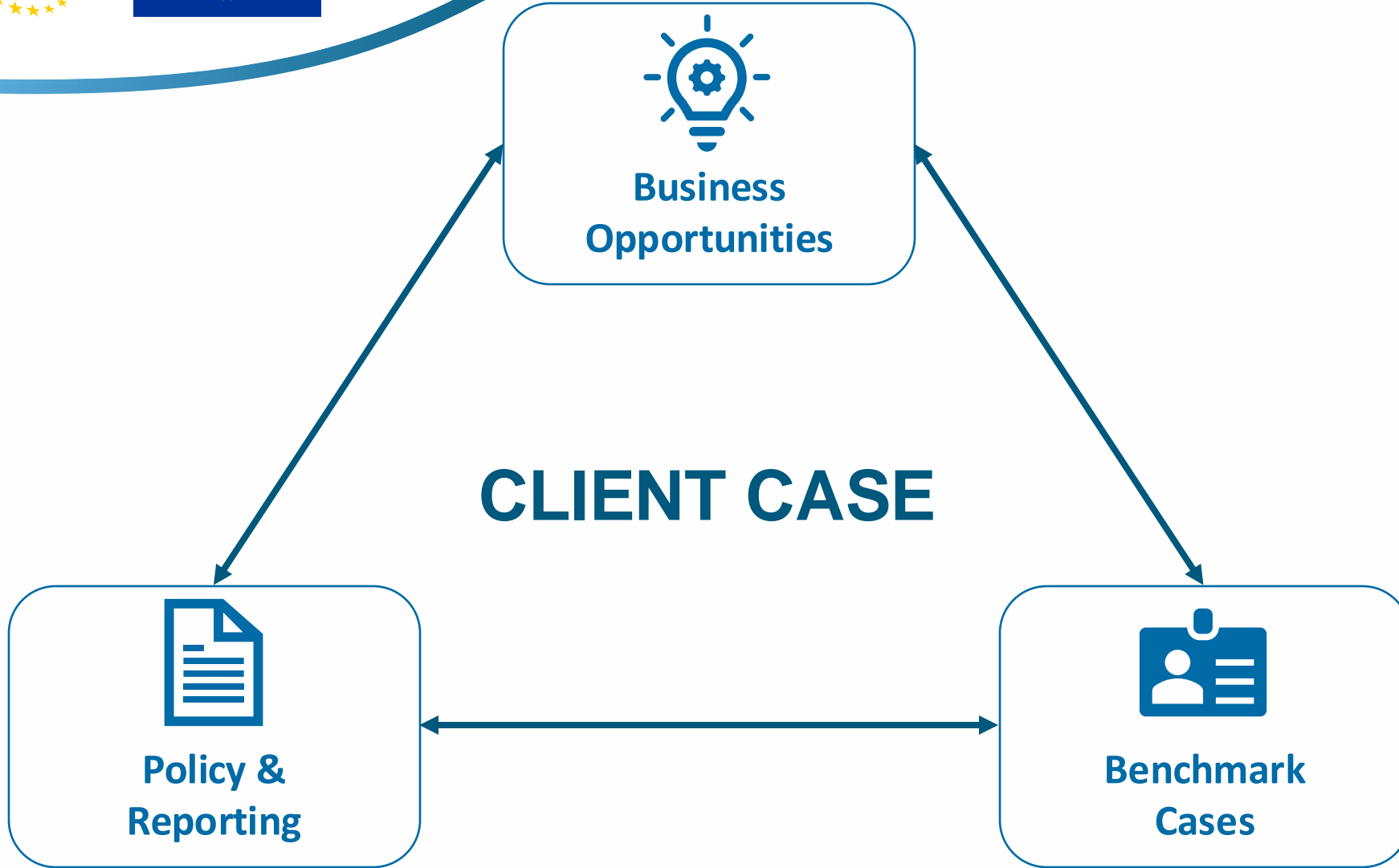
WHAT IMPACTGENIE DOES: ImpactGenie is a platform for sustainability experts to quickly develop tailored strategies.

HOW IT WORKS: We combine generative AI with curated datasets on business models, strategies, benchmarks, materiality topics, science based targets, policy frameworks....




WHY IT MATTERS: ImpactGenie saves experts weeks of work reading into a case and its context, enabling a faster and more effective implementation of sustainable solutions.

ADAPTABILITY: ImpactGenie is designed for any industry or context needing actionable sustainability strategies.








WHAT MAKES US DIFFERENT:

-  Combines curated knowledge with AI to deliver case-specific insights in minutes, not weeks.
-  Evolves continuously through anonymized feedback, creating a dynamic, hive-mind database.
-  Focuses exclusively on the strategic layer, giving changemakers more time to implement solutions.

SUSTAINABLE IMPACT:

-  Speeds up the development of actionable sustainability strategies.
-  Reduces resource waste by reusing validated answers and insights.
-  Empowers experts to drive sustainable transformation at scale.



IMPACT EXPERT



Consultants, advisors, and sustainability strategists seeking faster, smarter ways to develop tailored solutions.

ENTREPRENEUR



Gaining clear, actionable strategies to overcome inertia and turn sustainable ideas into reality.

HOW WE HELP:

- Freeing up experts' time to focus on influencing and implementing real change.
- Providing data-driven, actionable insights that entrepreneurs trust and act on.
- Bridging the gap between strategy and execution with practical, business-ready solutions.



What kind of cooperation partners would you like to connect to beyond finding new customers?



Policy
Experts



Educational
Institutes



Technology
Partners



Impact Think
Tanks



Open for
collaboration



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Book a meeting with: Company name

Jan Leyssens

Co-founder

ImpactGenie

jan@impactgenie.earth



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ImpactGenie





Pitch 2
ExoMatter
Katharina Latsch
Germany



Fast and Sustainable R&D Platform

Materials science made easy

exomatter

Katharina Latsch
Business Development Manager



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traceless Voodin Blade Technology REMENT **VYLD** BIOVOX
 BIOWEG TRIIBRI BIO-LUTIONS ecoLocked
 holy HOPFON Infinite Roots Lignopure Made of Air
 one.five PROSERVATION WILDPASTIC
 and many more...

Circular Inputs ①

Supply and use of renewable, recycled, or highly recyclable materials in production to minimize waste and pollution.

Sharing Platforms ②

Maximized utility rates of products and assets through collaborative usage and shared access, often through digital technology.

AKKURENT boomerang CIRCLECUBE WECARRY
 fainin faircado FLUX kolula
 kooky POZE ARCIU Relevo sharely sigo
 sykell uRyde Vytal and many more...

Product-as-a-Service ③

Commercialization of a product's usage and function rather than its possession, ensuring performance, maintenance and reverse logistics.

Swobbee vibrent CIRCUJAR CYCLE
 Dance everphone FLEXVELOP lendis
 NOR NORM RE-DRINK sTruMe toddle nomadi
 and many more...

Product Lifetime Extension ④

Strategies to prolong the lifespan of a product at its highest value, e.g. by upgrades, repair, reconditioning, or resale on secondary market.

Tildi BAVERTIS betteries BRAKEABLE circular CIRCU-LION
 DESOLTIK faircado fixfirst octave REBIKE rebuy re-furberd
 Reparando SPARETECH STABL Vollfang and many more...

Resource Recovery ⑥

Capturing the value of materials and energy from products after they've been used, through recovery and recycling.

KLEIDERLY Matoha NABORE Radical Data SAPORAS SOLAR MATERIALS
 syre tozero WESORT.AI Acontinuum EVOLE
 CYLIB DePoly eeden everwave
 and many more...

Circular Enablers ⑤

Promote sustainability, minimize waste, and enhance resource efficiency, supporting the transition towards a circular economy.

Concular UB SEAIN OF MATERIALS Circulix circunomics Cirplus Delicious Data
 examatter fairown foodforecast kørvi LogistikQuadrat LOOPID
 Master Resourcify SCHROTTBIENEN SPR
TWICE and many more...

SPOTLIGHT OVERVIEW

REACH OUT TO GET
FULL CONTENT!

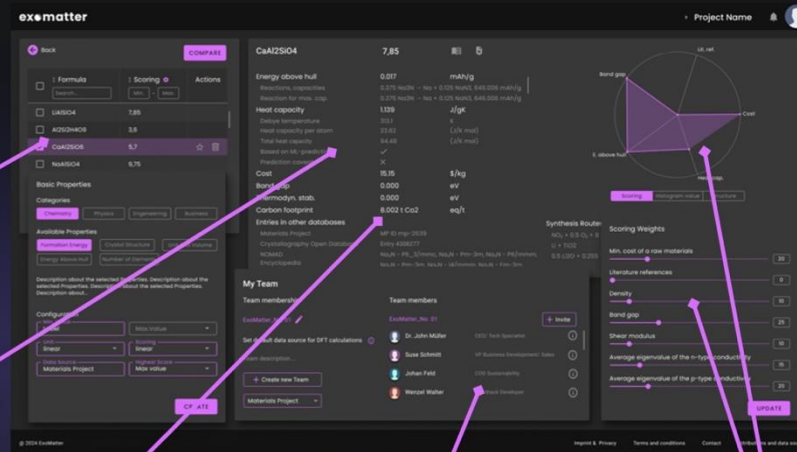
CIRCLARREPUBLIC@
UNTERNEHMERTUM.DE



The amount of possible materials is larger
than the number of stars in the universe.

10^{60}

ExoMatter enables your right material choice



Materials Shortlist

ensures that customers won't miss any hot candidates



Data Mining

algorithms find better materials



AI

completes missing data through machine learning



Team

cooperate and share insights



Weighting & ExoMatter Score

helps manage information overload



Customer Value

ExoMatter offers vast savings



⌚

Time savings

"We were impressed to receive first results less than a month after the kick-off. This is a tremendous way to speed up materials research."



B/S/H/

AIRBUS



Carbon footprint reduction

By eliminating the need for extensive experimentation ExoMatter can help you reduce the carbon footprint of your material research by up to 80% and reduce chemical waste by up to 90%.

Carbon Emission



Cost reduction

Up to 90% cost savings can be achieved by reducing the time spent in the lab and reducing the amount of chemicals used in the lab

Cost



We are happy to get in touch with you if you are ...

- ... a company looking for alternative or new materials
- ... interested in partnerships
- ... looking for investment opportunities



#EENCanHelp

Book a meeting with: ExoMatter

Katharina Latsch

Business Development Manager
ExoMatter

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+49 152 06349 091

www.exomatter.

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exomatter





Pitch 3
Fruggr by Digital4Better
Vincent Ducas
France



Fruggr

By Digital4Better



Vincent DUCAS
Consulting Director



No Improvement without Measurement

*A single platform to
Measure, Manage, & Continuously Improve
all your environmental & social
IT footprint*



IT FLEET

Automated multi-criteria assessment of your entire IT Inventory

SERVICES

Life Cycle Assessment (LCA) & accessibility of digital services

INFRASTRUCTURE

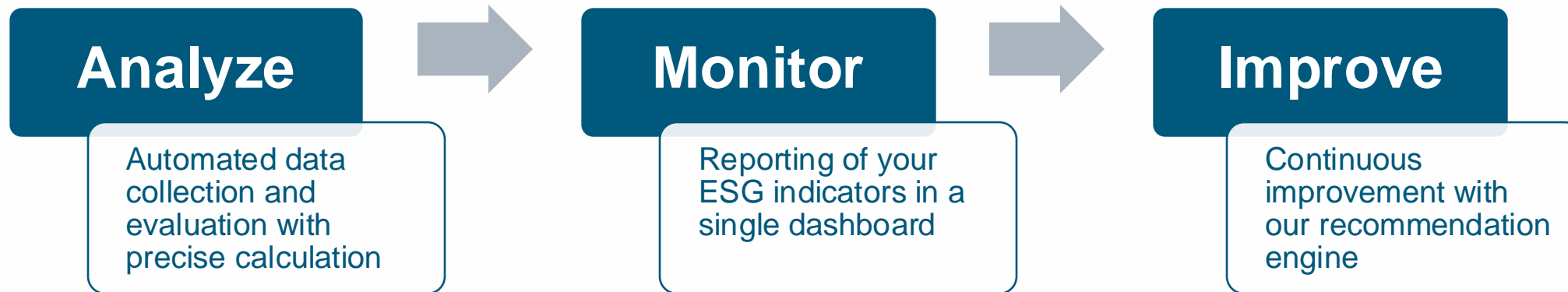
Monitoring of the networks and servers' footprint

DIGITAL WORKPLACE

Analysis of the impact of employees' digital tools, and Green IT awareness platform



3 simple steps for a efficient Sustainable IT strategy



Get tangible benefits for a sustainable impact



All your data analytics
on a single platform



Time-saving
on impact assessment thanks
to automated data collection



CSR & ESG Compliance
to avoid risks of sanctions



Recommendation engine
to identify where to act first



**Wider audience and better
Customer Experience**
thanks to increased accessibility



**Stronger employees
engagement**
thanks to micro-training
and challenges

+21%

improvement of the IT
carbon footprint*

-15%

on hosting costs
(cloud and run)*

+17%

in digital services
performance

To whom Fruggr is made for?

Diverse organizations:

- *with high IT costs*
- *with an important IT footprint*
- *impacted by law regulation (CSRD, EAA...)*

Many industries are impacted:

- *Finance & Insurance*
- *Retail & Luxury*
- *Services*
- *Media & Digital*
- *Transportation*
- *And many more...*

In average, starting at 500 employees



Surrounded my many partners and networks



*Collectif **Numérique Responsable**
et **Soutenable** - Québec*



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Book a meeting with: Fruggr

Vincent DUCAS
Consulting Director
Fruggr by Digital4Better
vincent@digital4better.com



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Pitch 4
Neuralio
Stelios Kotsopoulos
Greece



ESSENTIAL - pioneering Sustainable investment: leveraging ai4Eo for green financing and land suitability evaluation

Neuralio AI

Stelios Kotsopoulos
C.E.O



neuralio
ARTIFICIAL INTELLIGENCE



Sustainable Solutions Match

ESSENTIAL Services - CORE SERVICES OF ESSENTIAL



Service #1 Environmental Impact Assessment

Utilizes advanced analytics to evaluate the ecological effects of land-use plans, offering insights into development impacts on climate, biodiversity, and ecosystem.



Service #2 Climate and Weather Forecasts

Delivers precise climate projections and weather forecasts, aiding decision-makers in planning for both immediate and future climatic conditions with enhanced spatial accuracy.



Service #3 Land Suitability Evaluation

Employs a multi-criteria analysis approach to assess land potential, considering environmental sustainability, current and future climatology, aiding in decision-making for agriculture, renewable energy, and more.

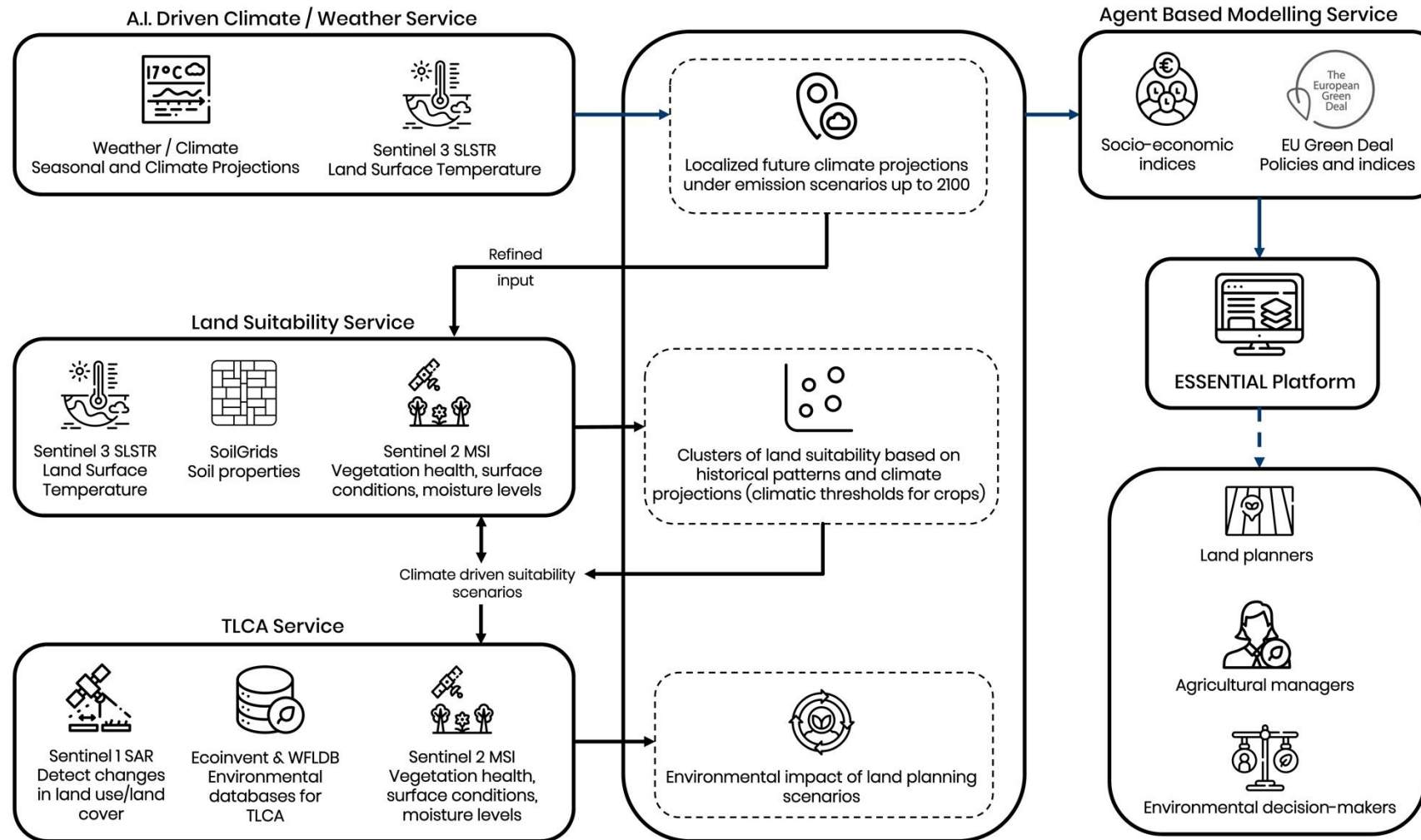


Service #4 Agent-Based Simulations

A modeling framework to simulate interactions among various entities, predicting environmental outcomes and their alignment with Sustainable Development Goals for strategic planning and scenario analysis.



ESSENTIAL: how it works



Describe your solutions differential value and sustainable impact

Technology: Reflecting the state-of-the-art AI, EO data integration, and forecasting accuracy.

Integration: Showcasing the comprehensive, all-in-one platform approach.

Market Alignment: Alignment with sustainability goals and regulatory frameworks.

Scalability: Potential for growth and expansion into new markets.

Innovation: The level of market disruption and introduction of new capabilities.



Market/Target audience – Who can apply your solution?

ESG Finance Market: Expected to grow from **\$5.7 trillion in 2023** to **\$9.7 trillion by 2028**

Spatial Finance Market: Earth Observation data market projected to reach **\$12.1 billion by 2028**

Climate Fintech Funding: Venture capital raised **\$2.9 billion in 2022**, a **2.4x increase** from 2021

Green Bonds: Expected to reach **\$156 billion by 2025**



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Book a meeting with: Neuralio AI

Stelios Kotsopoulos
C.E.O.
Neuralio AI
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Pitch 5
Mitigate
Arvis Zeile
Latvia



ESG reporting platform



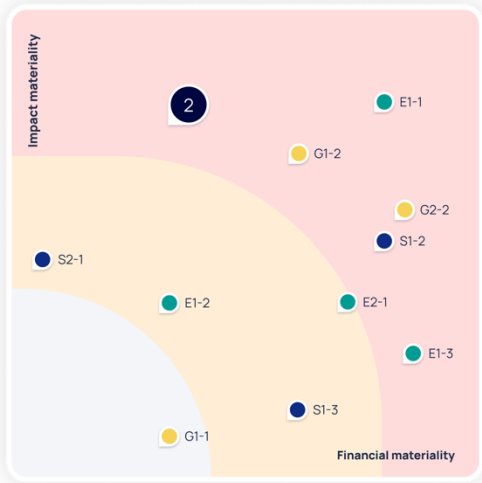
Mitigate

Arvis Zeile

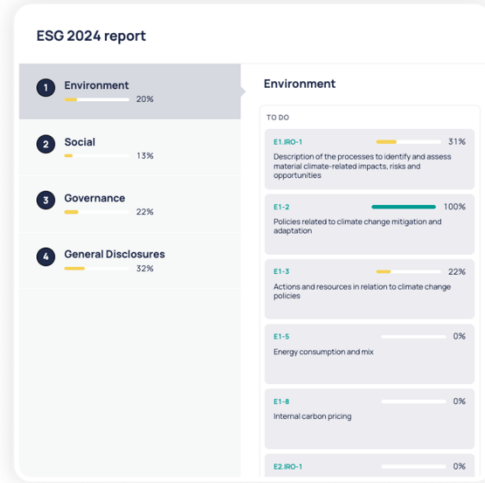
CEO, Software architect



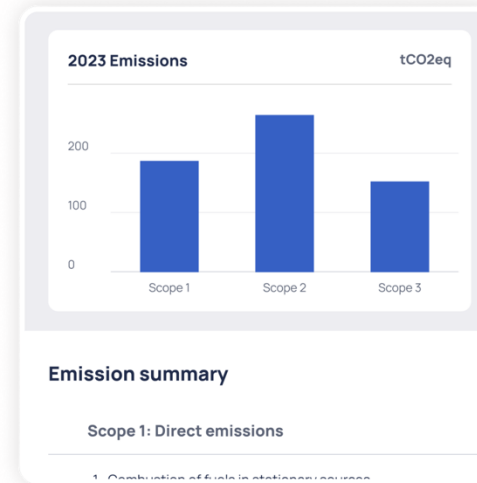
End-to-end sustainability reporting platform



**Double Materiality
Assessment**



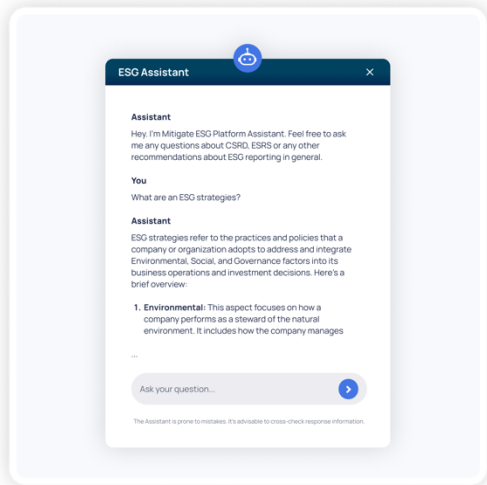
**ESG
Reporting & Compliance**



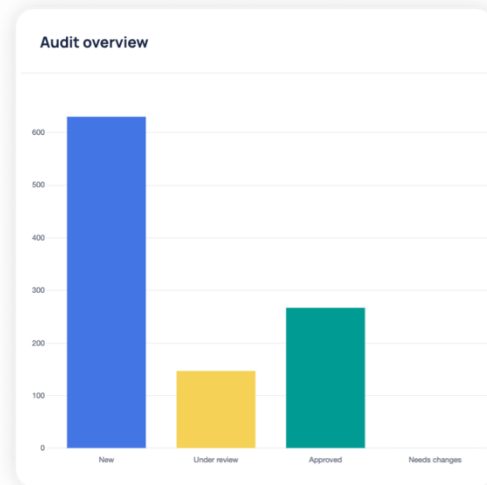
**GHG
Accounting**



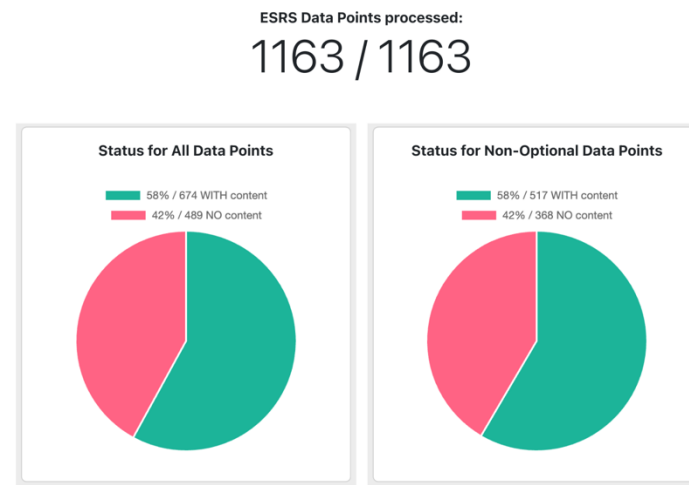
AI assistants for analysis and automation



**AI
Assistants**



**AI-powered
pre-audit**



**AI for
documents analysis**



AI assistants for analysis and automation

Ensure compliance

- ✓ Alignment with CSRD, ESRS
- ✓ Auto-track regulatory changes
- ✓ Audit-ready +

Reduce costs

- ✓ Automated iXBRL 12'000 EUR
- ✓ AI Gap Analysis 5'000 EUR
- ✓ AI translations 2'000 EUR

* Approximate savings

Standardize processes

- ✓ Structured workflows
- ✓ High-quality ESG data inventory
- ✓ Collaboration & status tracking

This tool is a great fit for you, if:

A)

If you **have to OR want to** report according to ESRS

B)

If you want to store you **sustainability data in one place** and eventually report



We would love to find more:

- Clients (of course 😊)
- Resellers
- ESG Consultancy partners
- Integration partners
- Other ESG related products to extend features



p

Book a meeting with: Company name

Arvis Zeile

CEO & Software architect

Mitigate

arvis.zeile@mitigate.dev



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Pitch 6
Make a BIM
Leo Salomaa
Finland



Building Information Model

Automatic BIM generation using AI for pre-demolition quantification

Make a **BIM**

Leo Salomaa
CEO



Demo video

Generate IFC models from floor plans

Drag and drop your floor plan images here to generate IFC files. Please note that this is still in development.

Choose files 3 files

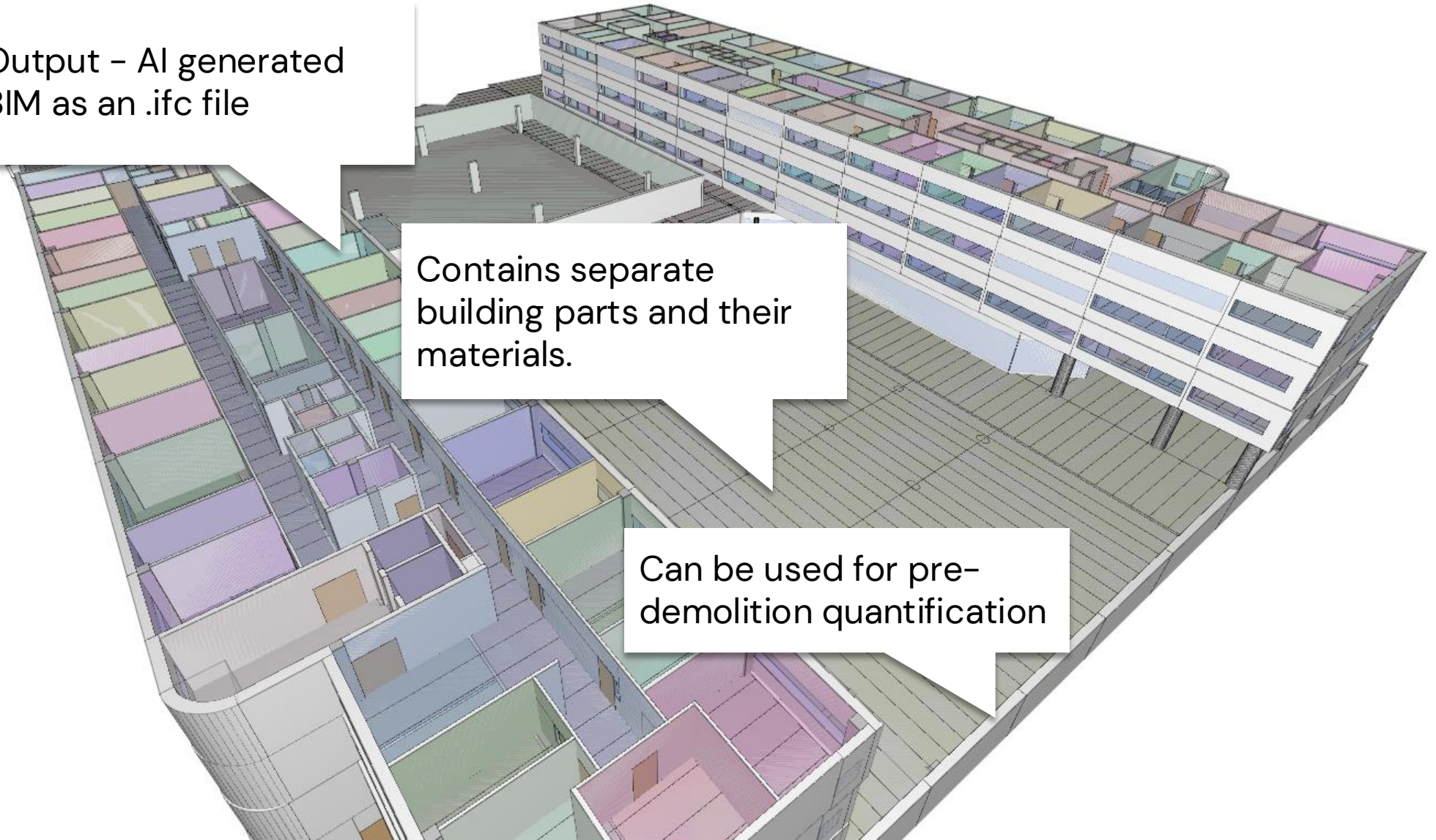


Example BIM (Building Information Model)

Output – AI generated
BIM as an .ifc file

Contains separate
building parts and their
materials.

Can be used for pre-
demolition quantification



Differentiation and sustainability impact

Status quo pre-demolition building data collection is manual labor

→ **Expensive & slow**

Make a BIM's **automated** solution:

- Reduces costs by **75%**
- Increases speed by **10x**
- Flexible costs
- Enables scalable circular pre-demolition quantification



Market/Target audience – Who can apply your solution?

A typical customer is a project manager who works with modeling existing buildings for:

- circular economy
- energy simulation
- acoustic simulation
- property management
- etc.

RAMBOLLHekaSWECOHelsinkiGranlundCLAIRsatotrebleCollaborAllLahti

Sustainable and circular innovation needs good networks along the whole value chain. What kind of cooperation partners would you like to connect to beyond finding new customers?

Beyond finding new customers, we are definitely interested in collaboration around datasets, green transition and exploration of valuable use cases.



p

Book a meeting with:

Make a BIM

Leo Salomaa

CEO

Make a BIM

Leo.Salomaa@makeabim.com

+358 50 5509028



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Make a BIM



Q&A



Closing Remarks

A big thank you to all pitchers and attendees!
We appreciate your participation today.

If you'd like to connect with any of the pitching companies, please use the matchmaking tool to **book a meeting!**

Next available at

09:00 - 09:30 CET

Monday 10 February 2025

FEB

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in 1 mo

+ Request meeting

Need support? **Enterprise Europe Network is here to help!**

Reach out to your local Network partner:

<https://een.ec.europa.eu/local-contact-points>



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Thank you!

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Sustainability Advisor

EEN / Helsinki Chamber of Commerce

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CHAMBER OF COMMERCE

