



## Smart Logistics and Transportation Management

### Challenge organisation

**InnovationLab @ Volvo Group** is a dedicated and entrepreneurial space within Volvo Group to drive digital transformation and create new value for customers and stakeholders.

The Innovation Lab partners with customers and other stakeholders to identify, explore and validate new ideas and businesses. By actively encouraging innovation and investment for tomorrow we create digital services, solutions, and new business models and take them all the way to the market.

Fuelled by multidisciplinary capabilities that ensure speed and innovation, the lab employs advanced analytics, visualization, digital technologies, business innovation, and foresight, along with open innovation practices. The collaborative nature of projects involves multidisciplinary teams, and ideas can originate from various sources, including other Volvo Group business areas and workshops with the startup community.

The innovation process is guided by insights derived from research, industry trends, and data from connected assets, ensuring a clear understanding of real-world applications. The emphasis on speed and innovation is evident through agile methods, rapid prototyping, in-market experimentation, and fast design sprints.

The Innovation Framework spans discovery, identification, definition, ideation, validation, incubation, conceptualization, prototyping, piloting, acceleration, building, scaling, and growth validation.

The lab's focus areas encompass reducing climate impact, stimulating circularity, ensuring safety, leveraging live data for smart solutions, leading energy transition, optimizing operations and safety through digital technology, and responding to evolving consumer needs and city regulations in the realms of e-commerce, on-demand transportation, and smart cities. The overarching goal is to make choices today that define a sustainable and innovative world for tomorrow.

### Full description

The future of logistics is evolving at an increased pace on the back of digitalization, optimization and electrification. We see an increased need and interest to optimize the transportation network and transport operations, and to prepare for a sustainable tomorrow, which often translates to electrification of trucks and depots, sometime with significant operational impact.

### What we are looking for

We are looking to engage with innovative companies that can solve some of the pressing challenges of tomorrow, within the realm of logistics. Specifically, we are interested in solutions related to the electrification transition, truck yard management (including charge planning), cost and revenue optimization, and streamlining administrative processes.

Key Focus Areas:

- Electrification Transition Support and Planning.
- Truck Yard Management, Including Charge Planning.
- Cost and Revenue Optimization.
- Minimization of Administrative Work Through Process Optimization.

**What we offer**

We are offering an opportunity to collaborate, with the potential to leverage Volvo Group’s digital platforms and capabilities. Volvo Group Connected Solutions currently manages over 1.5 million connected vehicles on behalf of our business areas, which creates a unique platform to build future services upon. The group is based in most countries of the world and has over 18 production facilities.

**Other**

<b>Opportunity area</b>	Smart production
<b>Looking for partners in</b>	Latin America; Caribbean
<b>Specific Areas</b>	Logistics; Construction; Automotive; Packaging
<b>Technologies</b>	IoT; Connectivity & 5G; Cloud services; Artificial Intelligence; Machine Learning; Robotics; Satellite Services (geo-positioning, navigation, etc.)

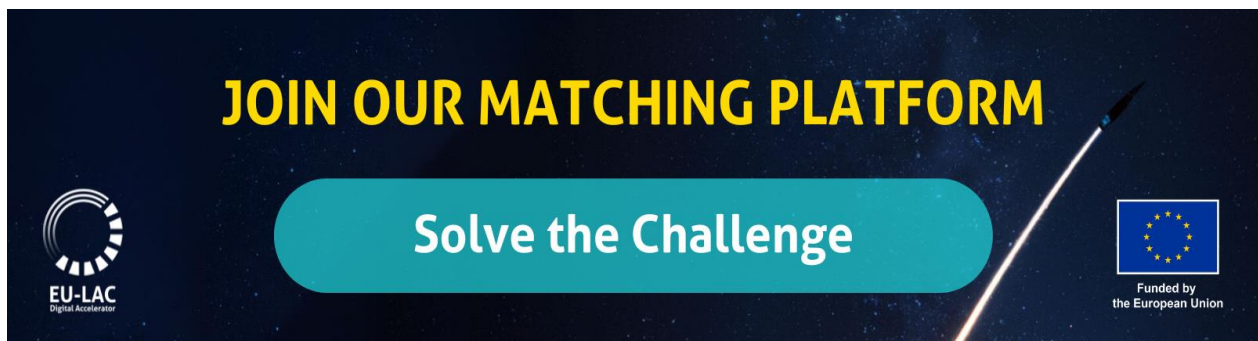
This is a challenge identified by the EU-LAC Digital Accelerator team in the frame of the Call for Challenges. The mission is to connect challenges from corporates with solutions from startups to boost digital transformation in Europe, Latin America and the Caribbean. If you are interested to learn more about us, visit our [website](#).

If you are a startup with a digital solution willing to explore collaboration opportunities with this corporate, [join our matching platform](#) and let the open innovation game start!

If you are called by this challenge but have questions, do not hesitate to [contact us](#).

---

Subscribe to our [Newsletter](#) and follow us on [LinkedIn](#), [Twitter](#) and [Instagram](#) so you don't miss a thing!



**JOIN OUR MATCHING PLATFORM**

**Solve the Challenge**

EU-LAC Digital Accelerator

Funded by the European Union