



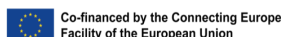
Open Data for Urban Green and Mobility

VIRTUAL HACKATHON 2X1 CEF PROJECTS

In collaboration with:



Spotted



ROMAidea



Casa delle Tecnologie Emergenti di Roma

January 11th, 2023 h10–13 (CET)

c/o CTE - Casa delle Tecnologie Emergenti di Roma (House of Emerging Technologies in Rome)

P.le della Stazione Tiburtina, Rome - Italy

and live streaming via the DYDAS YouTube channel @dydaseu5654

A hybrid event concentrated in one morning and dedicated to responding to the Hackathon promoted by the consortium of the DYDAS and SPOTTED projects, both funded under the European CEF program - *Connecting Europe Facility*.

In particular, the meeting represents a concrete opportunity to respond to the challenge called "**Shed Light-on red traffic lights**" which intends to stimulate creativity in the search for solutions to everyday urban mobility problems: reduce overall traffic by controlling the traffic lights of a pilot area of the city. The challenge is to use the data offered and available by the DYDAS digital platform in order to create an algorithm which should demonstrate that when applied on a real-time dataset or on historical data, the total arrival time for cars decreases. Real-time traffic decisions can improve air quality by more than 30% and reduce time spent in private cars by at least 40%. This benefits both the health and quality of life of citizens.

The DYDAS platform aims to give value to data and ideas, and provides the necessary tools to achieve them. It is possible to work individually or in a group, involving experts and developers also present in the Emerging Technologies Center of Roma Capitale.

[LINK Free registration \(in person or remotely\) for the event on January 11th 2023](#)



Open Data per Verde Urbano e Mobilità

Agenda

- Ore 10:00 *Welcome greetings, **Alessandro Piperno**, Program Director, Casa delle Tecnologie Emergenti di Roma (House of Emerging Technologies in Rome)*
- Ore 10:10 *Opening of the round table: SPOTTED/DYDAS challenges and synergies in the EU and FIWARE context, **Valeria Pulieri**, general coordinator of the DYDAS project; **Stefano De Panfilis**, co-founder FIWARE*
- Ore 10:30 *Open Data and Mobility, Ing. **Fabio Nussio**, Head of International Cooperation Sector - Roma Servizi per la Mobilità Srl; **Antonio Falvo**, head of the Mobility Centre*
- Ore 10:45 Coffee Break
- Ore 11:00 *Presentation of the rules of participation for SPOTTED/DYDAS, **Antonio Filograna**, R&D Department of Engineering *Ingegneria Informatica S.p.A*; **Iulian Coltea**, R&D Manager, Key To Business Srl.*
- Ore 12:00 *Launch of workgroups activities 2x1 Hackathon SPOTTED/DYDAS (Ciascun gruppo può organizzare il proprio lavoro fino alla data di chiusura dell'Hackathon, prevista per il 17 gennaio 2023), **Marco Gatti**, Key To Business Srl.*

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General calendar of SPOTTED/DYDAS activities within the Hybrid acceleration 2x1 Hackathon:



- 'Acceleration' event to participate in the Hackathon: January 11th c/o CTE Casa delle Tecnologie Emergenti di Roma (House of Emerging Technologies in Rome)
- **Deadline for submitting solutions** (for both challenges): **January 17th 2023.**
- **Pitch: January 24 - 25, 2023** (*details will be emailed to subscribers*)
- **Celebration of the winners: January 26th, 2023**

Prizes*: 1st place: 5.000€; 2nd place: 3.000€; 3rd place: 2.000€

** granted through third-party sponsorship.*

- 2x1 Hackathon registration: <https://www.fiware.org/the-virtual-hackathon-of-cef-projects/>

You can choose to participate in one or both challenges:

 <p>D Y D A S</p>  <p>Co-financed by the Connecting Europe Facility of the European Union</p> <p><u>Smart Mobility & Smart Cities.</u> <u>Shed Light-on red traffic lights</u></p>	 <p>Spotted</p>  <p>Co-financed by the Connecting Europe Facility of the European Union</p> <p><u>Satellite & Open Data.</u> <u>Shed Light-on urban greenery status</u></p>
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For any further details: info@dydas.eu www.dydas.eu



Scheda progetto

DYDAS - DYnamic Data Analytics Services

The DYDAS project envisages the creation of a digital platform capable of handling large volumes of dynamic data, enabling the public sector and industry to benefit from large-scale data analysis. Emerging technologies are opening up a new information age. In line with the objective of the European CEF (Connecting Europe Facility) 2018 work program and the CEF-T-5 call, the project contributes to the European data infrastructure by improving the sharing and re-use of public and private data. Enabling the use of dynamic data sets such as data from Earth observation satellites, promoting R&D based on High Performance Computing (HPC), offering services and tools through specialized interfaces, and designed to offer different user experiences at a wide range of users.

DYDAS promotes the sharing and re-use of public and private data in a secure environment and through innovative mechanisms. In the medium to long term, the collaborative digital platform will be able to act as an e-marketplace for accessing data, and as an added value it will be equipped with HPC-enabled services based on Big Data, Machine Learning, AI and advanced services technologies. The project tests the data analytics capabilities of the platform through the integration and operation of three use cases (maritime, energy and mobility). A key and differentiating element of the project is represented by the implementation of a geospatial data architecture. Architecture which, through the adoption of a geospatial data model and interoperability rules, allows the continuous integration and processing capacity of large data sets for innovative ways of use.

For more information:

www.dydas.eu



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