



WiseEVP

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Introduction

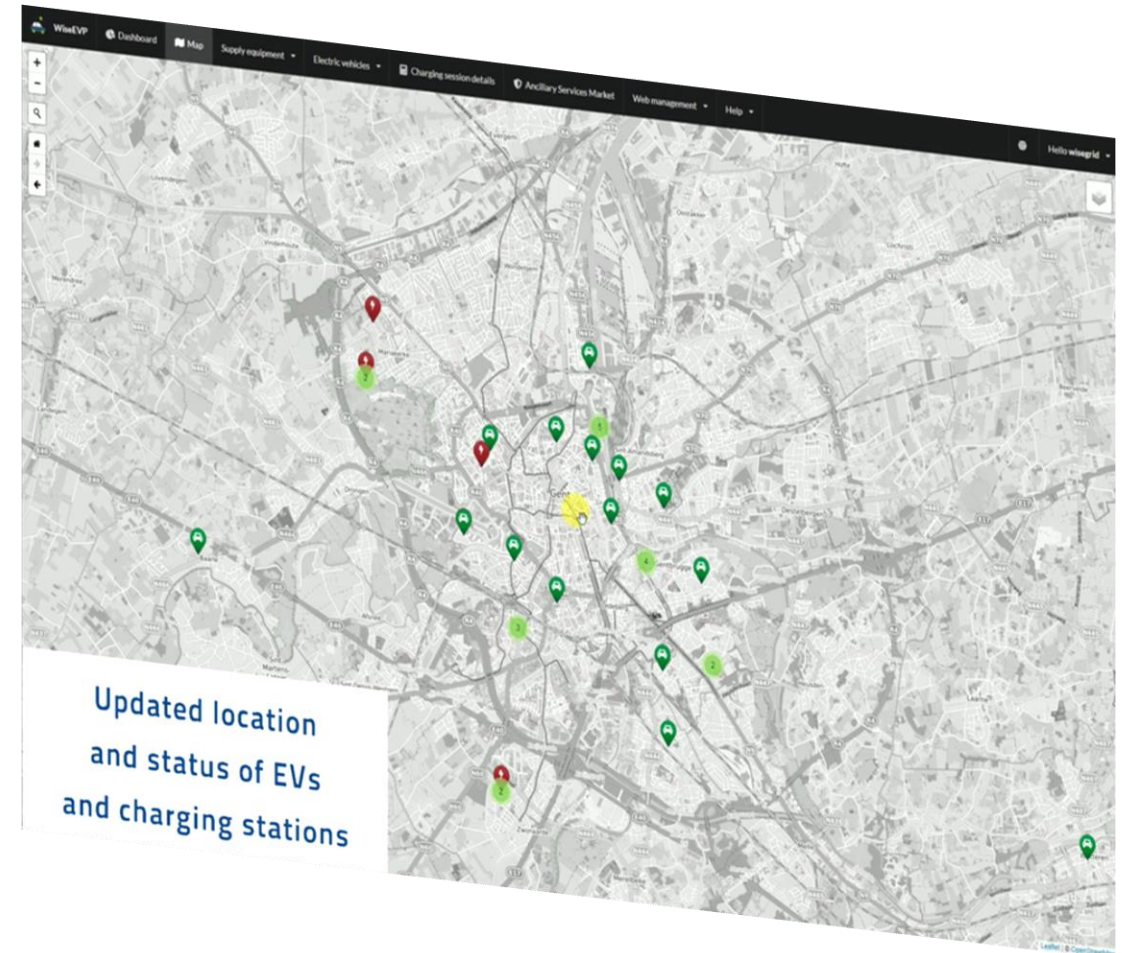
- **Target users:** Mobility Services Providers and Charging point Operators
- **Objective:** optimize the activities related with smart charging and discharging of the EVs





Challenges

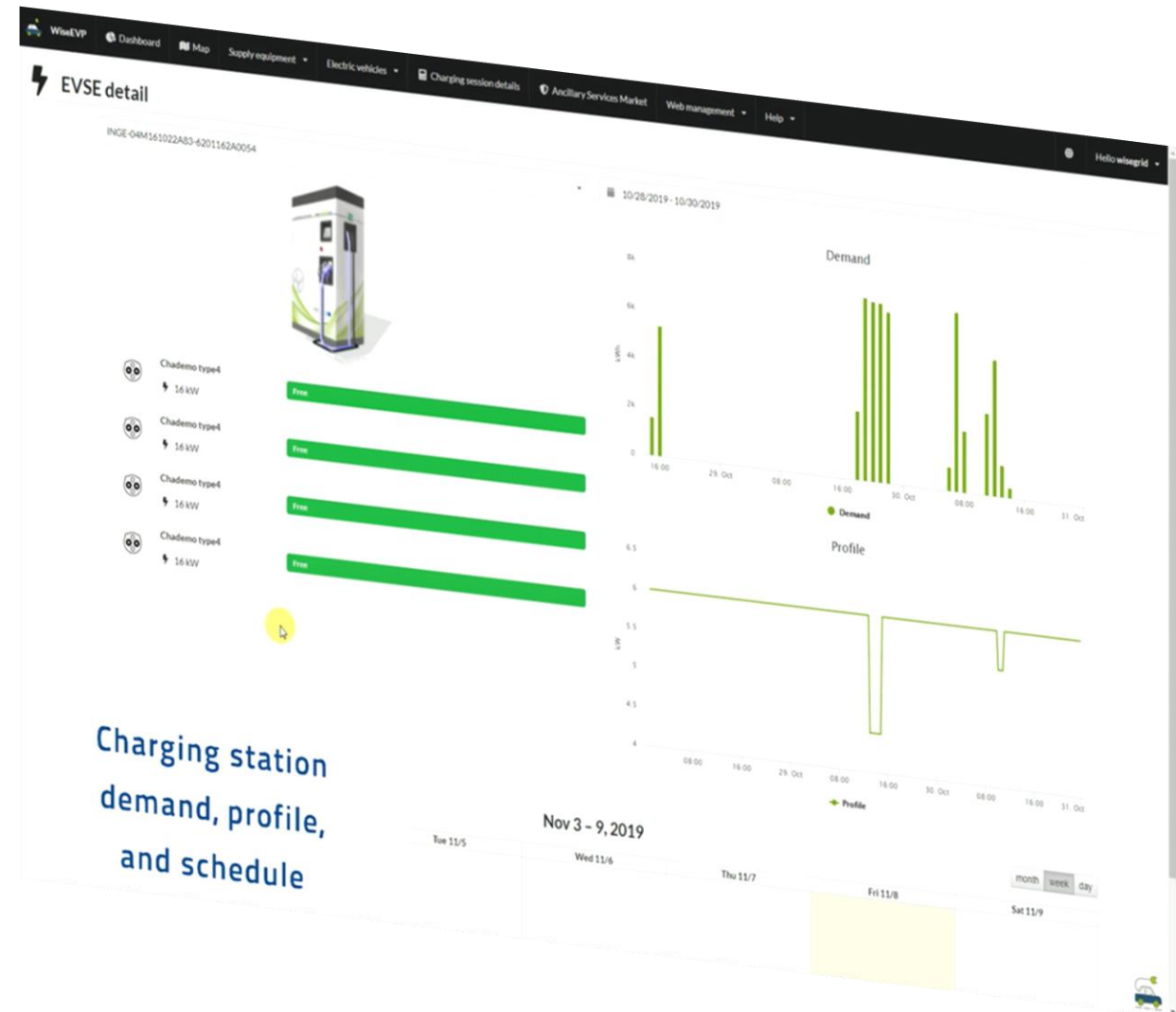
- Bridge gap between electric mobility and electricity grid operation.
- Optimize highly demanding power flows from charging infrastructure.
- Increase observability and management of electric vehicles fleet





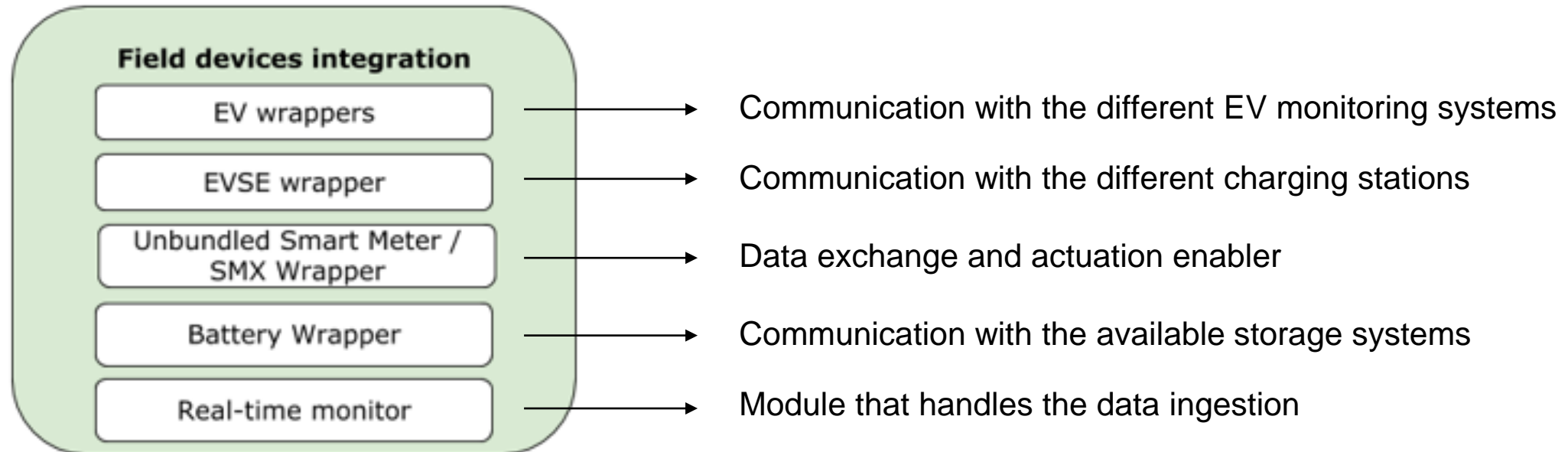
Main Features

- Manage and control the whole EV fleet and EVSE portfolio
- Reduce the EV charging energy bill
- Follow high shares of RES production
- Support DSO operations



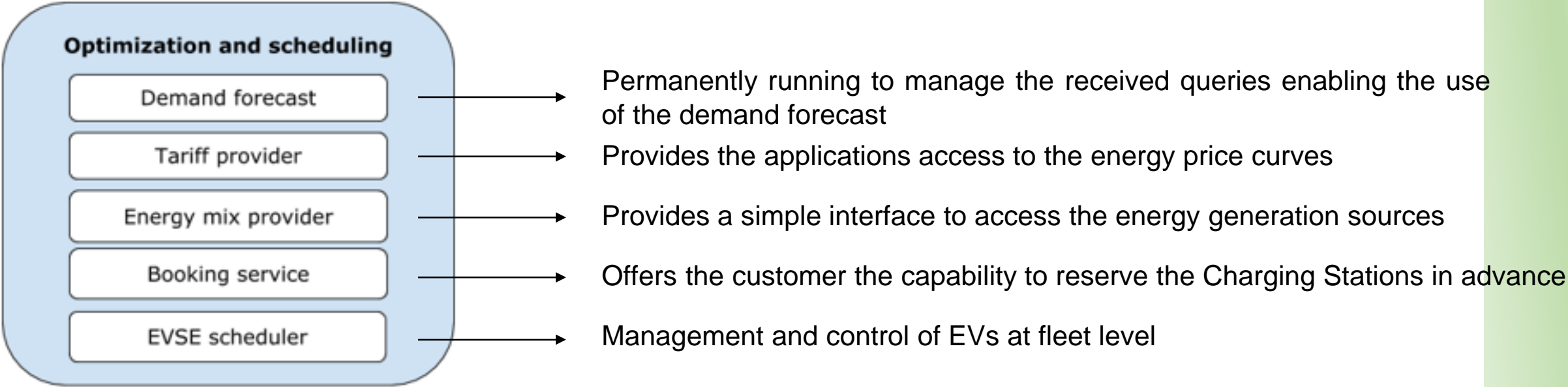


Field devices integration



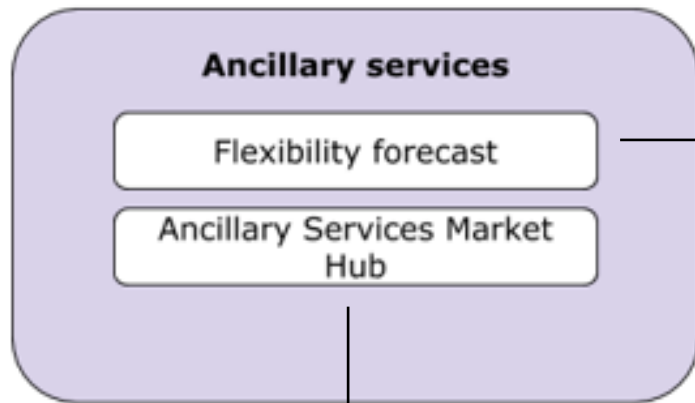


Optimization and Scheduling





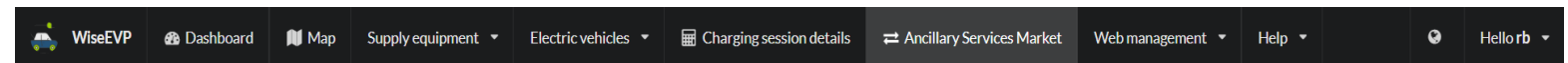
Ancillary services



Module interacting with DSO in the Ancillary Services Market

Aggregated flexibility offers according to EV energy availability

- Minimize the cost (economic or environmental) for users
- Perform the regulation of the aggregated power, reacting to grid and RES integration support requests of each regulation area



↔ Demand response campaign details

Date	Required flexibility	Duration
20/07/2018 16:45	50 kW	02h 00min

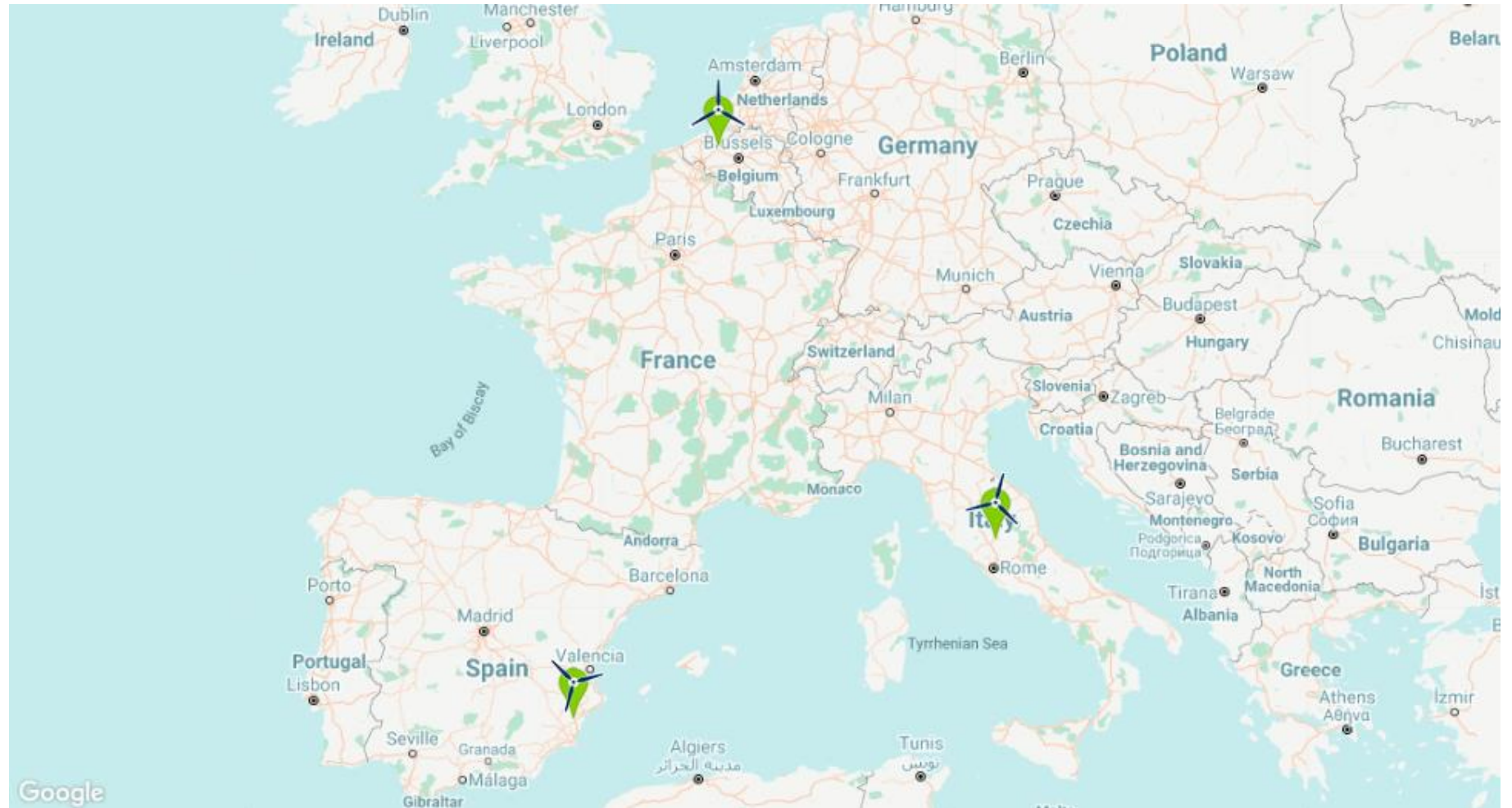
🔄 History

Timestamp	Status	Sender	Recipient	Flexibility	Price
20/07/2018 12:58	Request posted	DSO Operator			
20/07/2018 12:58	Offer sent	Fleet Manager	DSO Operator	50 kW	120 €
20/07/2018 12:59	Order posted	DSO Operator	Fleet Manager	50 kW	120 €



Pilot sites

- Crevillent
- Flanders
- Terni





Demo

Thank you!



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 731205.