

The logo for INVADER BARCELONA 2019. The word 'INVADER' is in large, bold, sans-serif letters, with 'IN' in yellow, 'VADE' in orange, and 'ER' in red. To the right of 'INVADER', the words 'BARCELONA' and '2019' are stacked vertically in a smaller, red, sans-serif font. The background is dark blue with abstract yellow and red diagonal lines on the left and right sides.

INVADER BARCELONA 2019

Empowering storage for flexibility in distribution grids

The logo for SMARTCITY EXPO WORLD CONGRESS. It features a colorful graphic of four interlocking shapes (a blue triangle, a green square, a yellow pentagon, and a red hexagon) above the text 'SMARTCITY' in a bold, black, sans-serif font. Below 'SMARTCITY' is 'EXPO WORLD CONGRESS' in a smaller, black, sans-serif font. At the bottom, 'side event' is written in a black, sans-serif font.

SMARTCITY
EXPO WORLD CONGRESS
side event

20th November 2019



INTEGRATED ELECTRIC VEHICLES AND BATTERIES TO EMPOWER
DISTRIBUTED AND CENTRALISED STORAGE IN DISTRIBUTION GRIDS



This project has received funding from the *European Union's Horizon 2020 Research and Innovation programme* under Grant Agreement No 731148.

Empowering storage for flexibility in distribution grids

OPENING

Joan Groizard, IDAE | Óscar Sànchez, ICAEN

Introducing INVADE and partners | Dieter Hirdes, Smart Innovation Norway

BUSINESS

Are Platform-based business models relevant in the energy market? | Dagfin Wåge, Lyse

Exploitation of flexibility services | Bernt Bremdal, Smart Innovation Norway

TECHNOLOGY

Optimal use of lithium-ion batteries in grid applications | Samppa Jenu, VTT

Architecture for facilitating flexibility | Pau Lloret, UPC-CITCEA

Flexibility management algorithms | Hossein Farahmand, NTNU

The INVADE platform – An intelligent tool that optimizes the value of your flexibility | Jon Spetaas, eSmart Systems

PILOTS

Flexibility services to end customers | Trond Thorbjørnsen, Lyse

Renewable Energy impact managed by Smart Charging | Marisca Zweistra, Elaad & Michel Bayings, Greenflux

Centralized Storage System to provide several flexibility services | Vera Palma, Estabanell Energia

PV-batteries – a revolution for the energy market in Germany | Malte Thoma, Badenova

Energy Transition in Hospitality Sector | Dimitar Stanev & Svilen Prialkov, Albena

CLOSING



side event

Thank you!



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