



**iPST**



**PowSyBI**

# **iPST / PowSyBI day**

## **Introduction**

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# iPST consortium partners

1 TSO:



5 industrials:



3 research centers:



**Goal:** governance of the open-source toolkit dedicated to power system analysis developed during the EU-funded iTesla research project.

*10:00: Welcome coffee*

**10:15: ENTSO-E and open-source** (*Norela Constantinescu*)

**10:30: The open-source strategy of RTE** (*Lucian Balea*)

**10:45: LF Energy Foundation** (*Shuli Goodman, Linux Foundation*)

**11:00: Open-source CIM-CGMES compliant power flow**  
(*Luma Zamarreño, AIA*)

**11:25: Open-source steady state validation** (*Nicolas Omont, RTE*)

**11:35: Open-source modelica simulation suite** (*Gladys Leon, AIA*)

**11:50: Open-sourcing of Antares, RTE's adequacy study application** (*Frédéric Bréant, RTE*)

**12:15: iPST roadmap presentation** (*Nicolas Omont, RTE*)

*12:30: Lunch*

# Functional session (afternoon)

## Com'Square (here)

**13:45: The future industrial tool for security analysis at RTE**

*(Gwec'hen Even, RTE)*

**14:15: Progresses on the Monte-Carlo approaches for security analysis** *(Andrea Pitto, RSE and Helena Vasconcelos, INESC TEC)*

**15:00: Progresses on the application of robust approaches to security analysis** *(Rémy Clément and Stéphane Fliscounakis, RTE)*

**15:45: A new roadmap towards fast contingency filtering with security rules** *(Ioannis Konstantelos, Imperial College)*

*16:15: End*

# IT session (afternoon)

## RTE's auditorium (Tour Initiale)

**13:45: How to install a developer environment of PowSyBI and iPST** (*Christian Biasuzzi, TechRain*)

**14:15: Fundamentals of PowSyBI: iIDM format, extensions and topologies** (*Sylvain Leclerc, RTE*)

**14:45: How to implement the load-flow API** (*Sébastien Murgey, RTE*)

**15:15: Business data management** (*Mathieu Bague, RTE*)

**15:45: Interfacing third-party tools** (*Luma Zamarreño, AIA*)

*16:15: End*

# Tour Initiale (RTE) (Auditorium on ground floor)

Grande Arche

Com'Square

