

# H2020 Low TRL Smart Grids and Storage Project clustering workshop

## Advanced Tools Towards cost-efficient decarbonisation of future reliable Energy SysTems

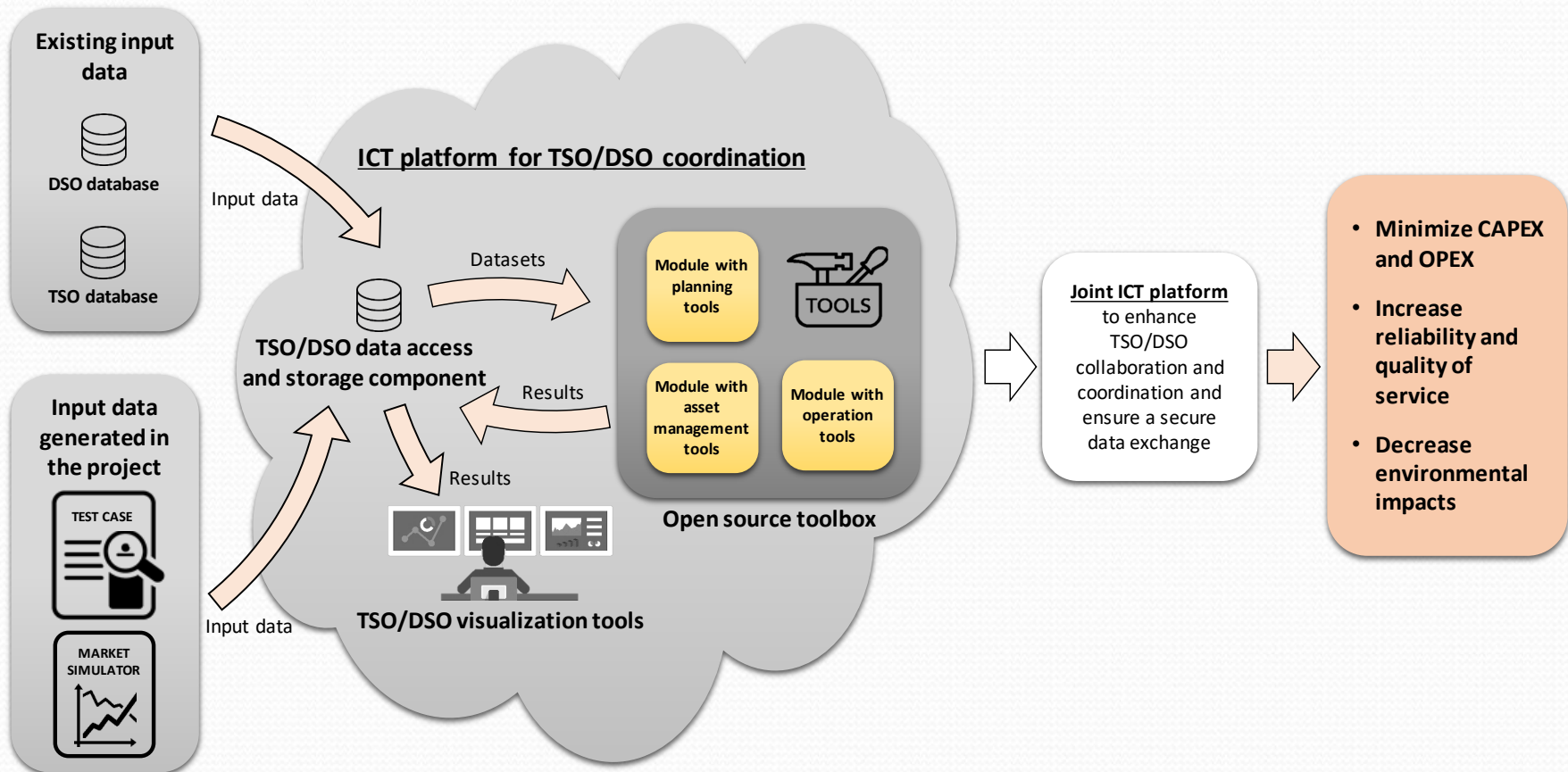
LC-SC<sub>3</sub>-ES-6-2019 - Research on advanced tools and technological development



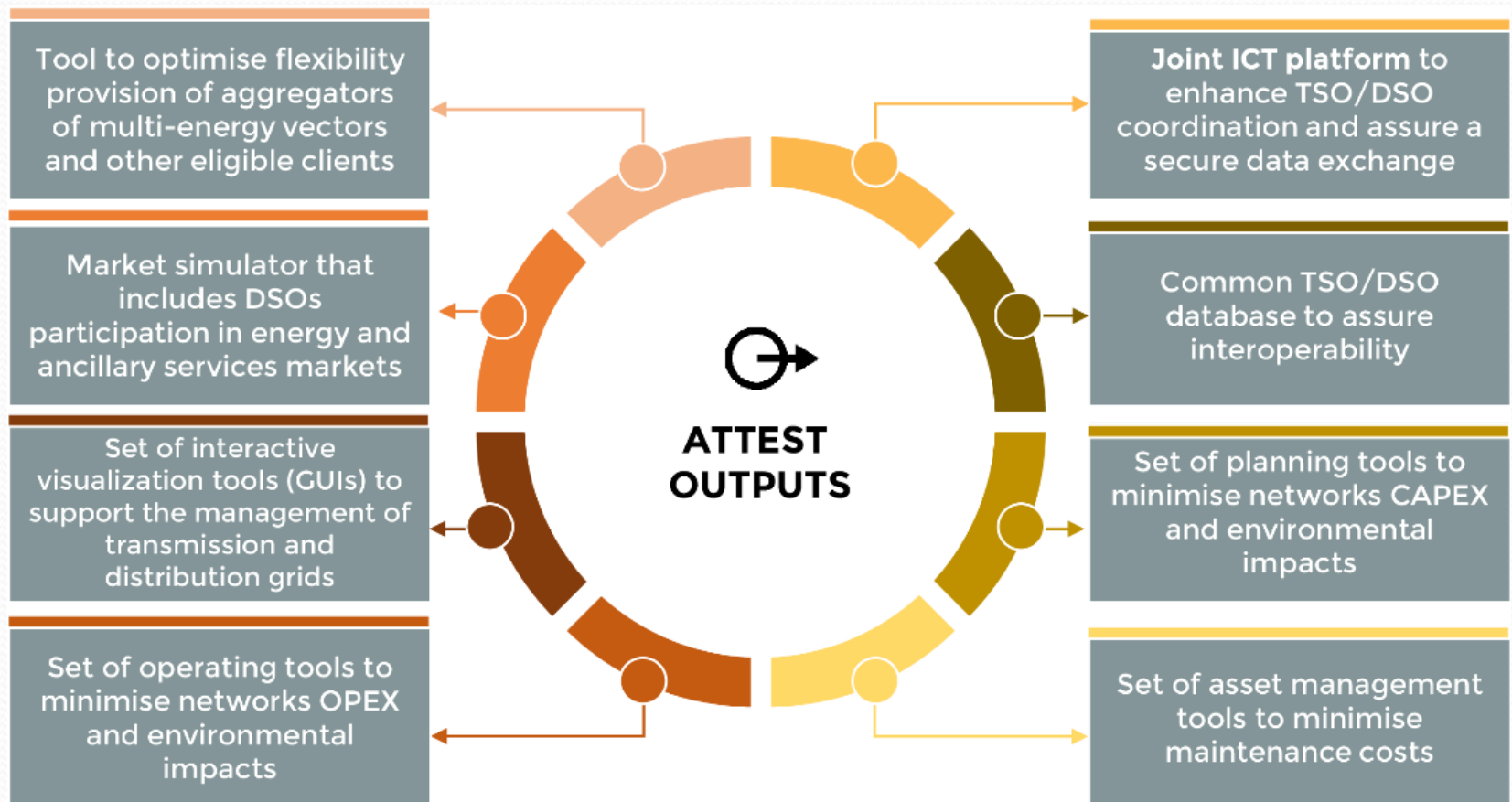
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**ATTEST**

# Conceptualizing the energy systems of the future



***Developing and operationalizing a modular open source toolbox*** comprising a suite of innovative tools to support TSOs / DSOs operating, maintaining and planning the energy systems of 2030 and beyond in an optimized and coordinated manner.





The ICT platform and a selection of tools from the open source toolbox will be validated in 3 different zones of the electrical system of Croatia:

## ZAGREB

Demand response

Flexibility from buildings

## Koprivnica

Network operation

Flexibility from DSO assets

## Northwestern Croatia

Network planning/expansion

Zagreb demo structure

