

Transforming grids to accelerate the energy transition

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Electrification of everything



7x

DER growth



18x

increase of electrical vehicles



~50m

more heat pumps in Europe alone



3x

higher electricity demand by 2050

Low voltage grids are
strategic for boosting
energy transition

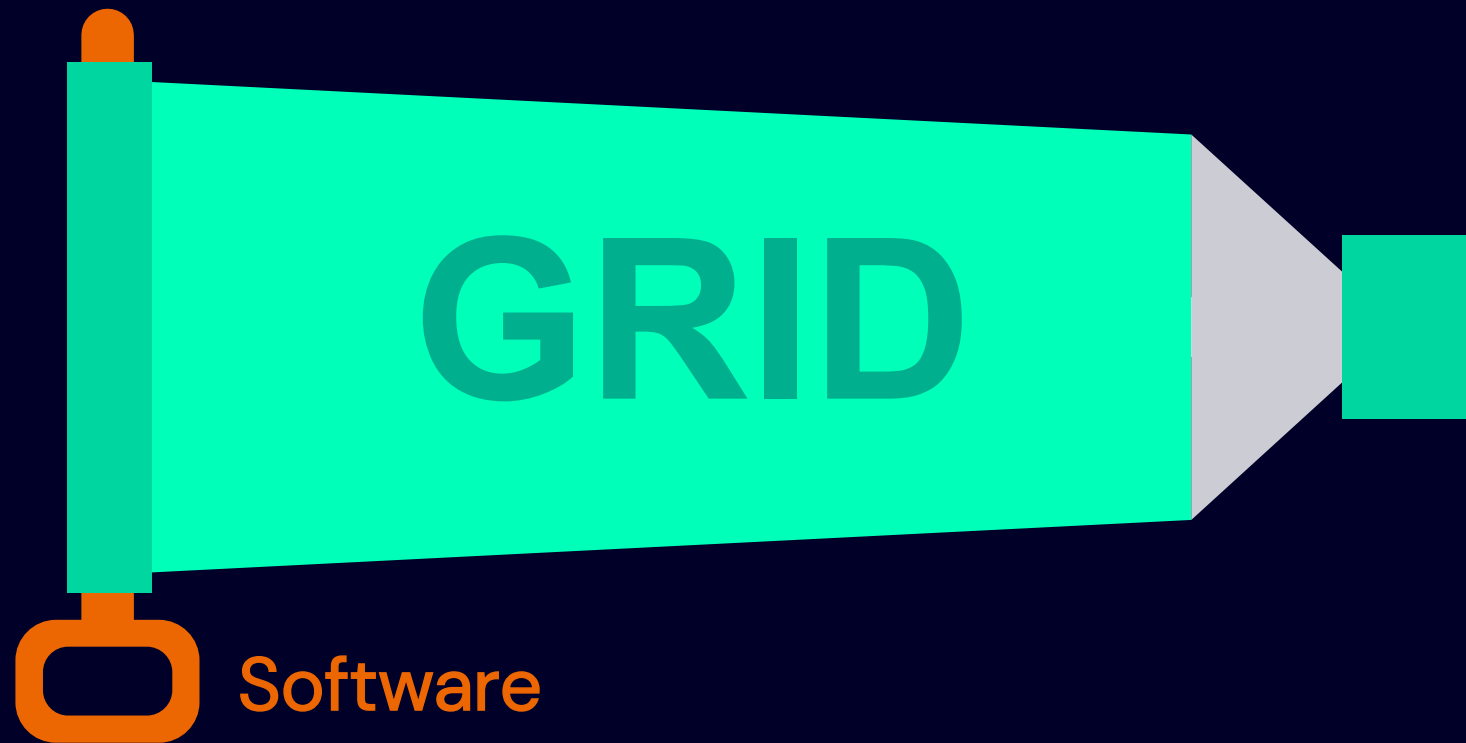


The background of the slide is a dark blue color with numerous thin, light blue lines radiating outwards from the center, creating a sense of motion and acceleration.

how to
accelerate?

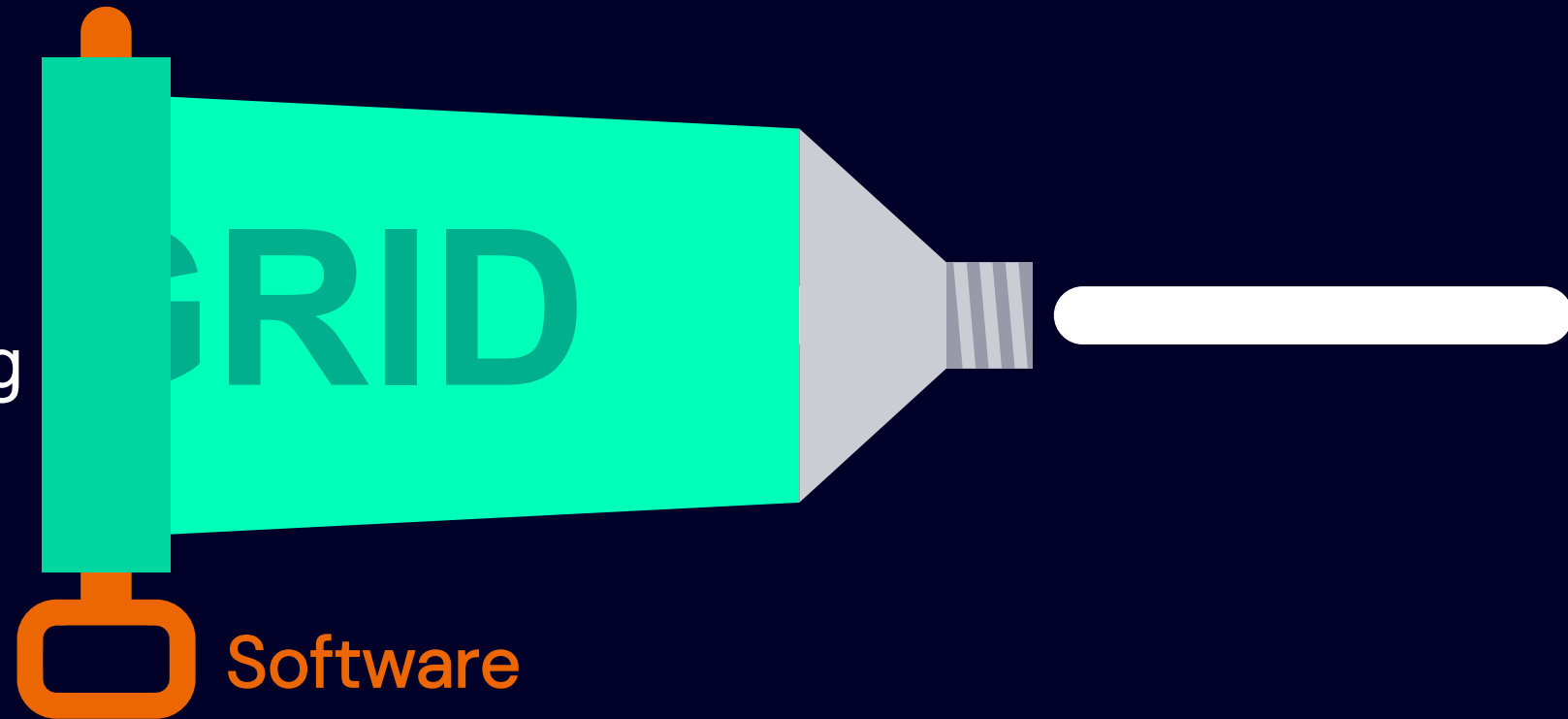
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Squeeze more capacity out of the existing grid infrastructure



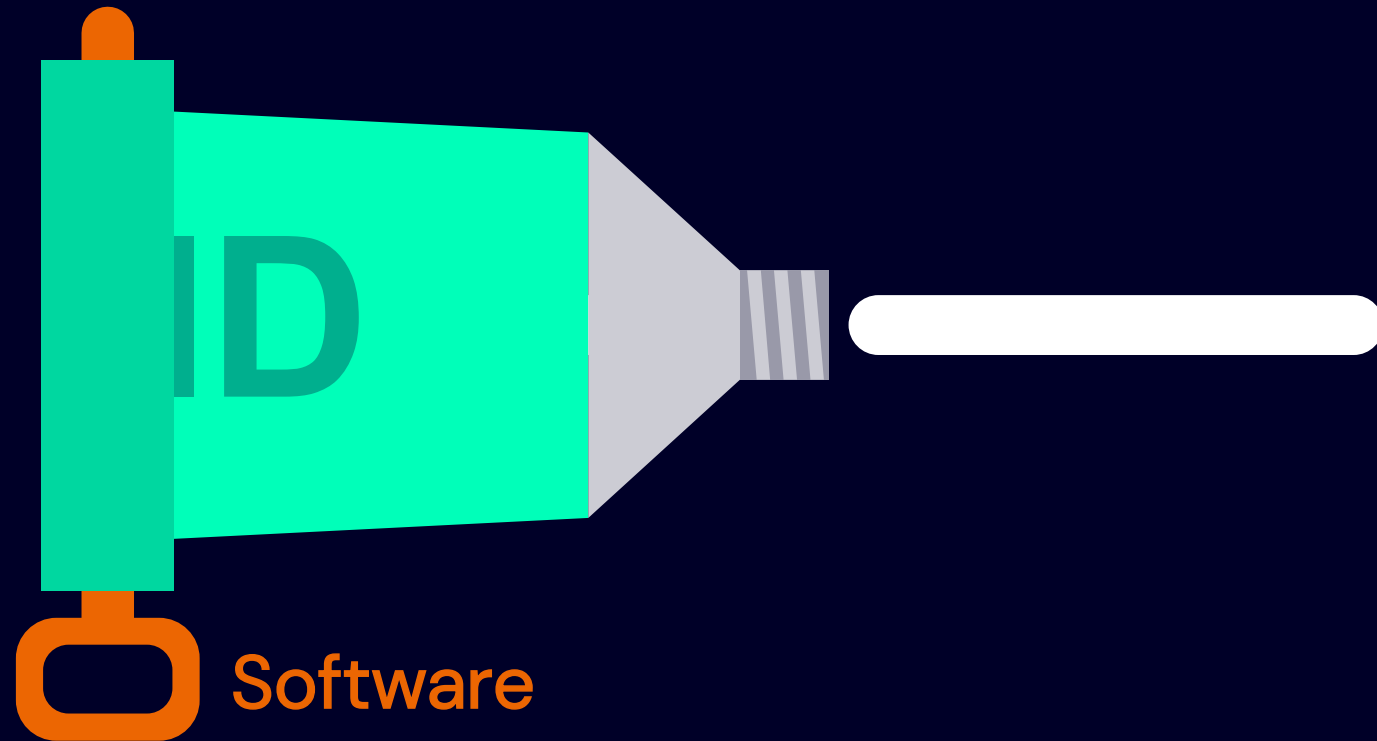
Squeeze more capacity out of the existing grid infrastructure

1. Get more capacity out of the existing assets



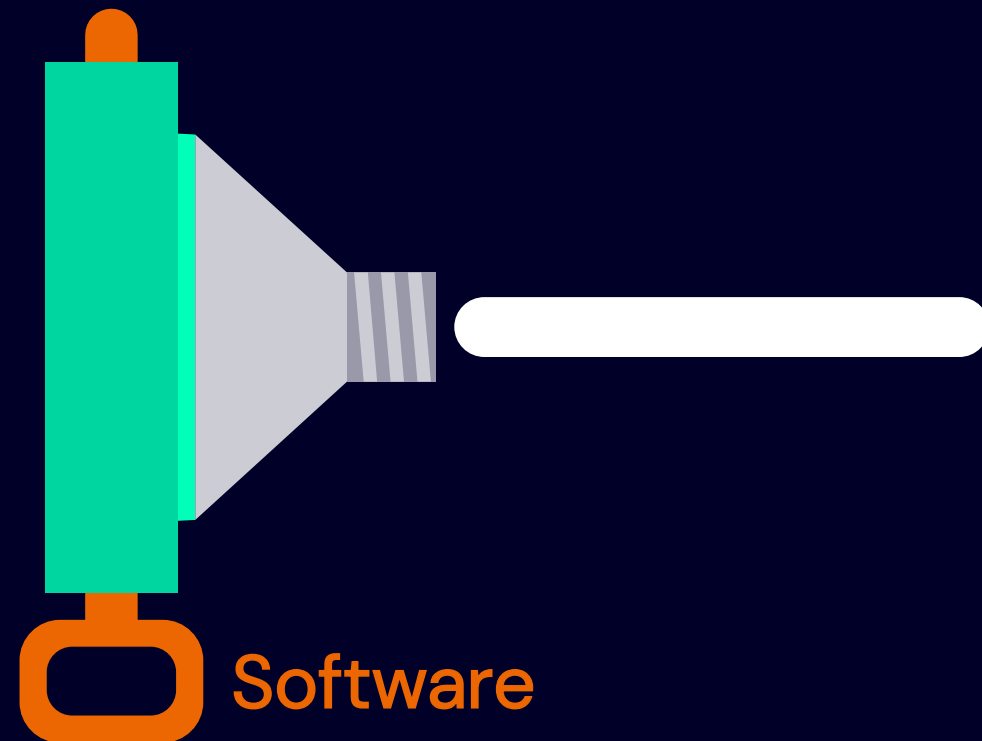
Squeeze more capacity out of the existing grid infrastructure

2. Create more capacity through flexibility



Squeeze more capacity out of the existing grid infrastructure

3. Invest CAPEX with maximum return



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Flexibility
is the key

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Leveraging Italian experience and domain know-how in this innovative landscape

UVAM Project

Aggregator platform for BSPs



2017

2020



Platone EU Project

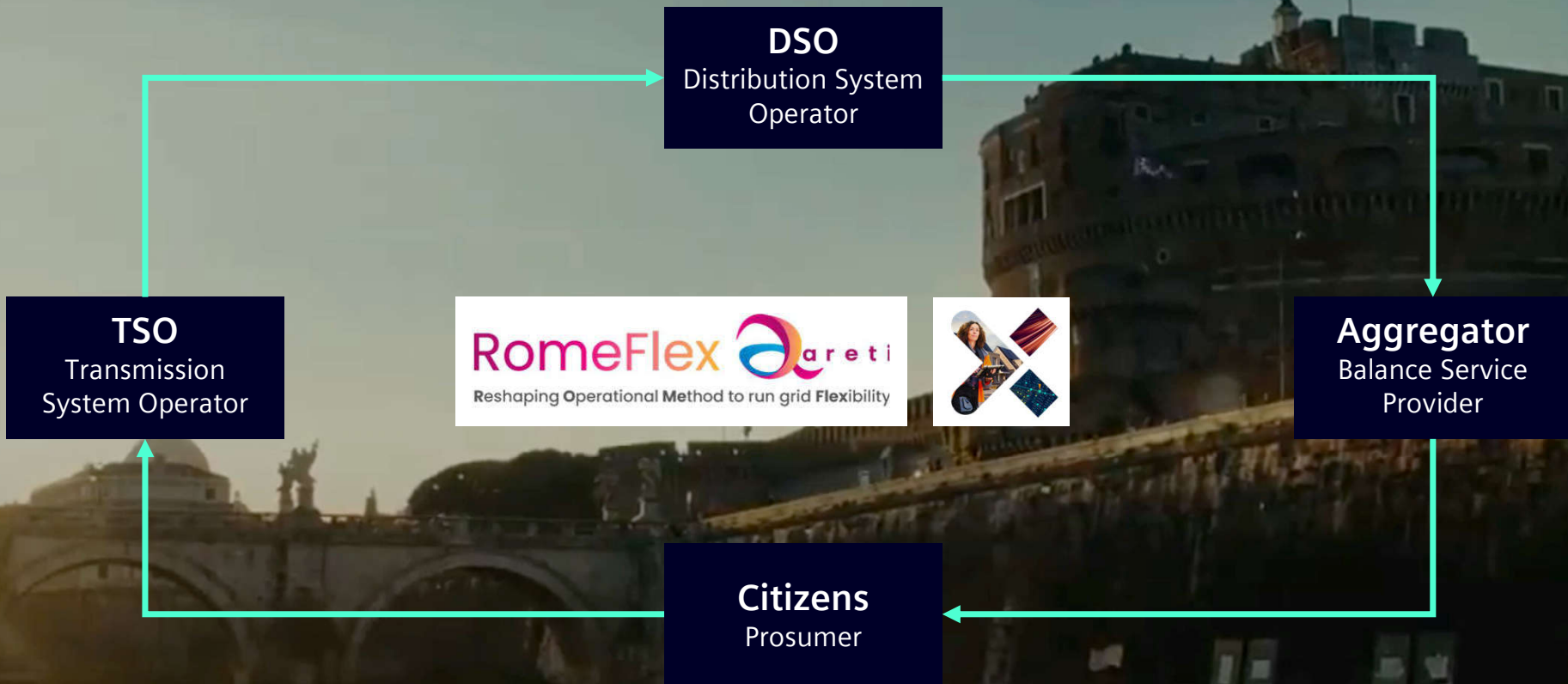
DSO Technical Platform to unlock grid flexibility (synergy with Areti)

RomeFlex Project

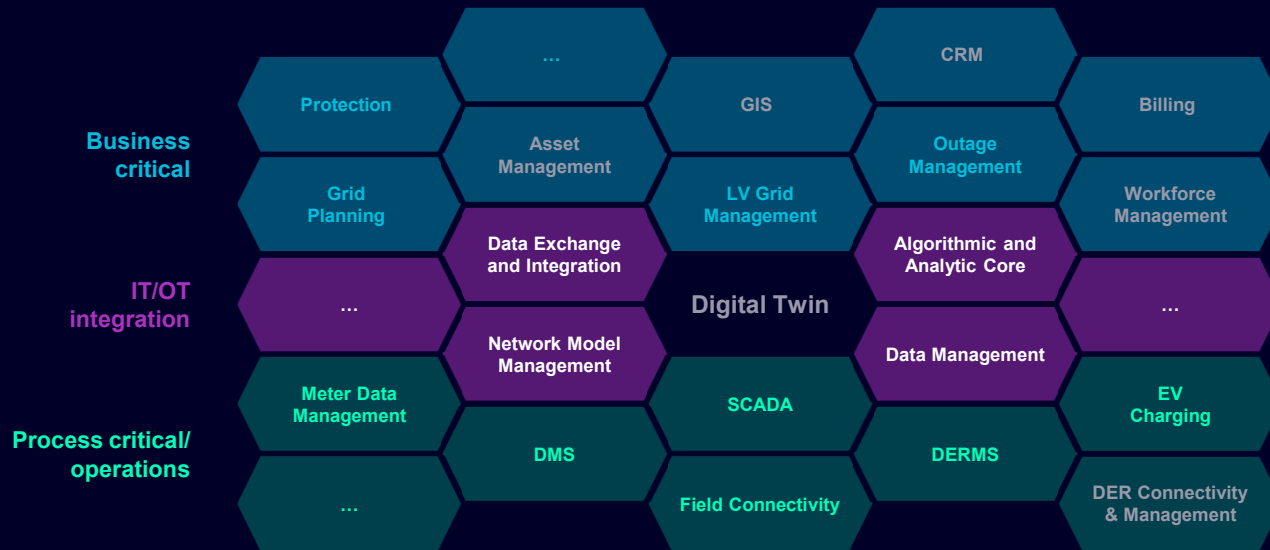
DSO Technical Platform and Aggregator Platform enhanced to enable local ancillary services (Areti)




2022



A modular and open IT/OT architecture



-  Interoperable
-  Flexible
-  Open
- 
-  Cybersecure

Plan | Operate | Maintain

Thank you.

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