



C4R
Capacity for Rail
Final conference

**S2R prepares the way into the future
for Railways in Europe**

Georgios Patris, Programme Manager
Madrid, 21 September 2017

What is Shift2Rail

Public-Private Partnership
R&I platform for rail
Working together
Drive innovation by 2024

A graphic for 'Cost Efficiency' featuring a blue circle with a white Euro symbol, a black circle, and a light blue circle, all connected by a white line that curves around them.

COST EFFICIENCY
50% reduction of life-cycle costs of the railway transport system

A graphic for 'Capacity' featuring a large blue funnel shape pointing downwards.

CAPACITY
100% increase in capacity

A graphic for 'Operational Efficiency' featuring three interlocking gears of different sizes and colors (light blue, dark blue, and black).

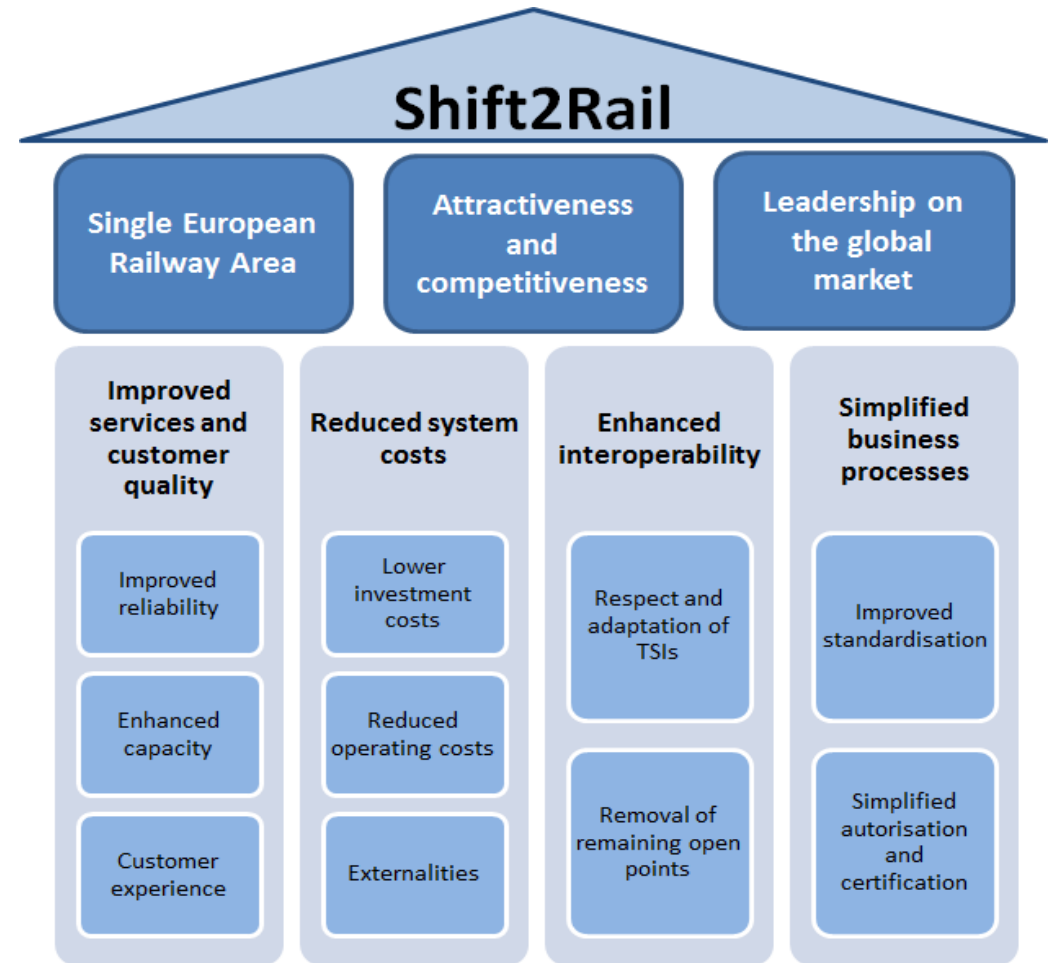
OPERATIONAL EFFICIENCY
50% increase in reliability and punctuality



Single European Railway Area

Attractiveness & competitiveness of the European Railway System

Leadership on the global market

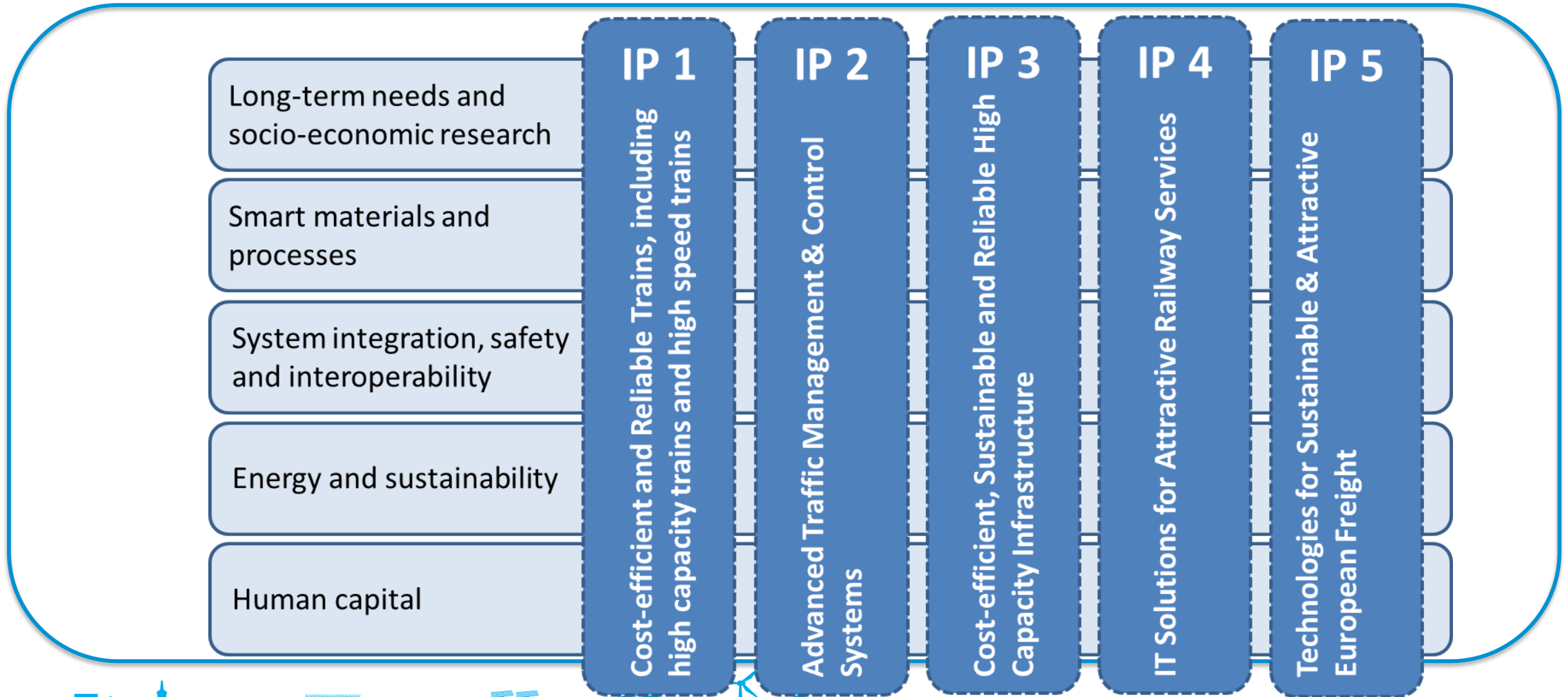


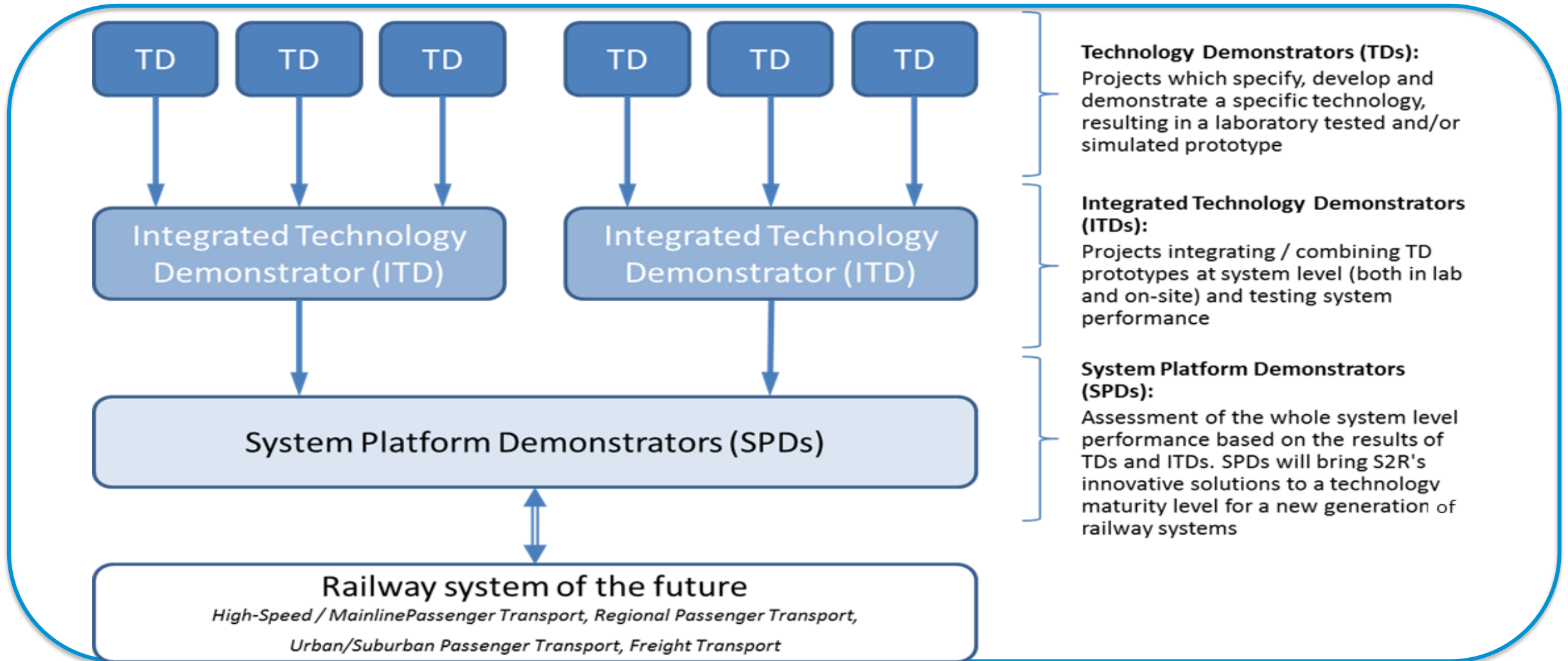


- **Shift2Rail JU Regulation:** general objectives.
- **The S2R Master Plan** a high-level strategic vision and key priority research areas.
- **The S2R Multiannual Action Plan (MAAP):** detailed, long-term investment plan that concretely identifies the projects, milestones and deliverables.
- **The S2R annual work plans contain** the specific topic scope and links across projects.



Programme structure





TOTAL JU BUDGET = 920M€

FOUNDING MEMBERS CONTRIBUTION TO S2R JU:

Min. 270 M€

ASSOCIATED MEMBERS CONTRIBUTION TO S2R JU:

Min. 200 M€

UNION CONTRIBUTION TO S2R JU:

Max. 450 M€

INCLUDING 52 M€ already committed under H2020 - WP 2014 rail topics

Max 40%

Max 30%

Min 30%

FOUNDING MEMBERS (Max. 180 M€)

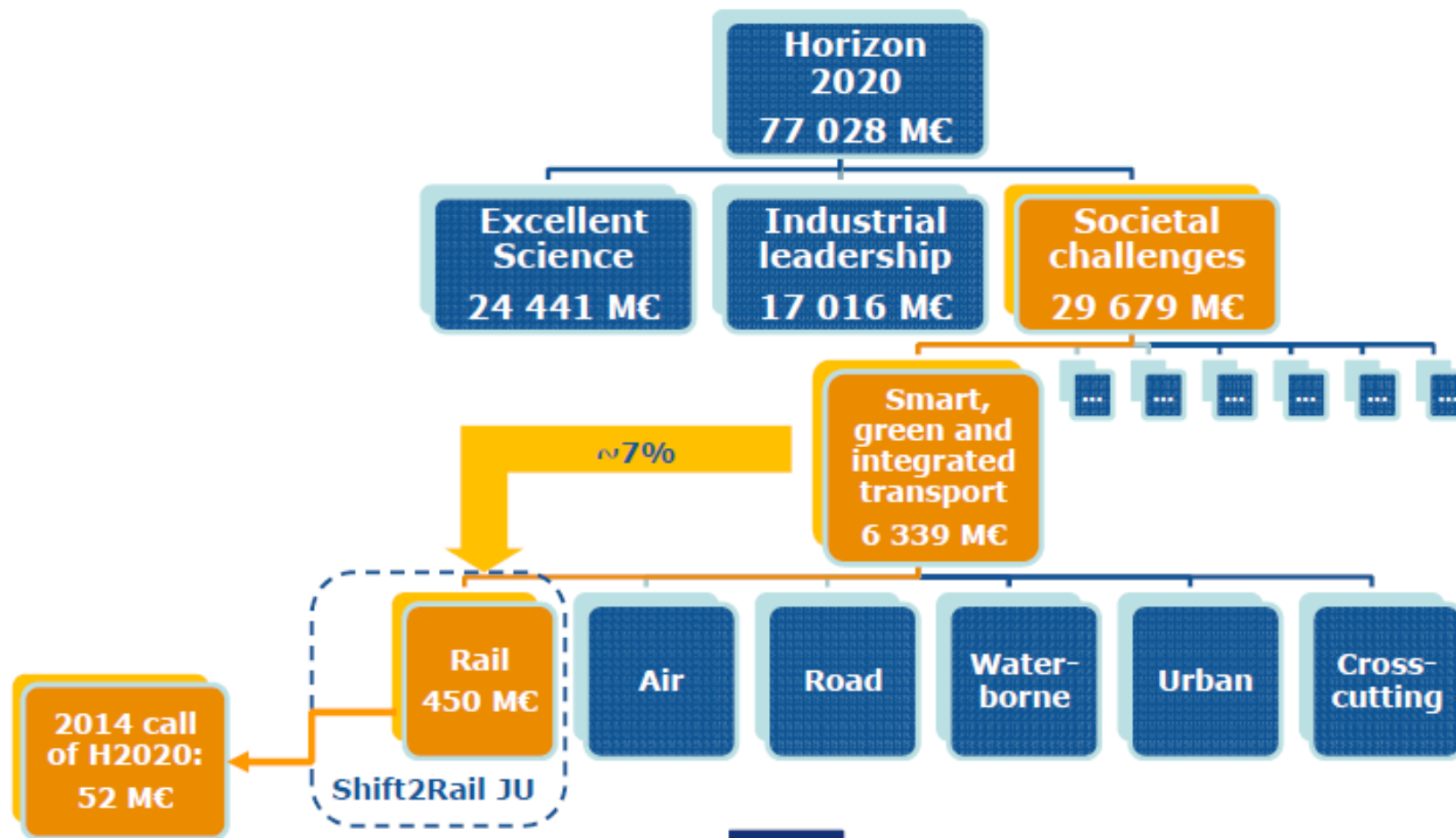
ASSOCIATED MEMBERS (Max. 135 M€)

OPEN CALLS FOR NON-JU MEMBERS (Min. 135 M€)

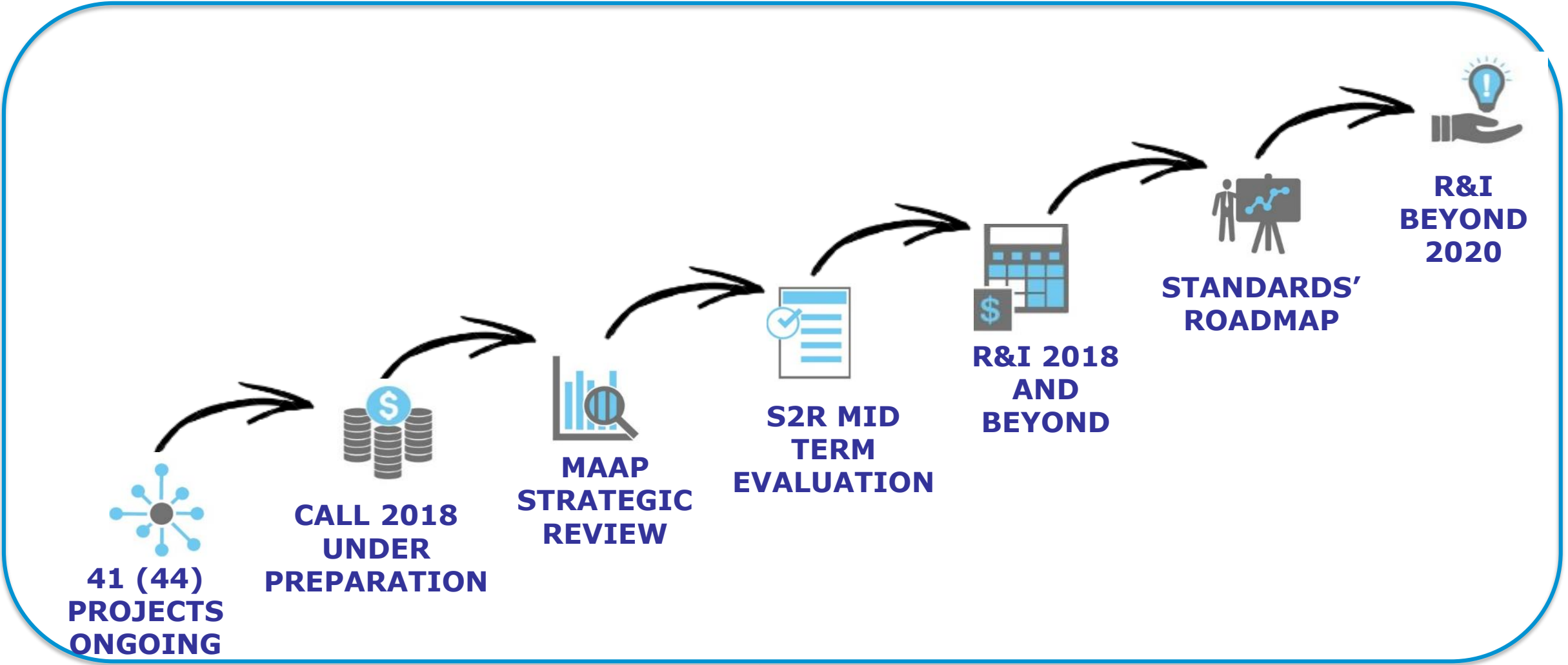
SMEs = Min. 20% → 90 M€



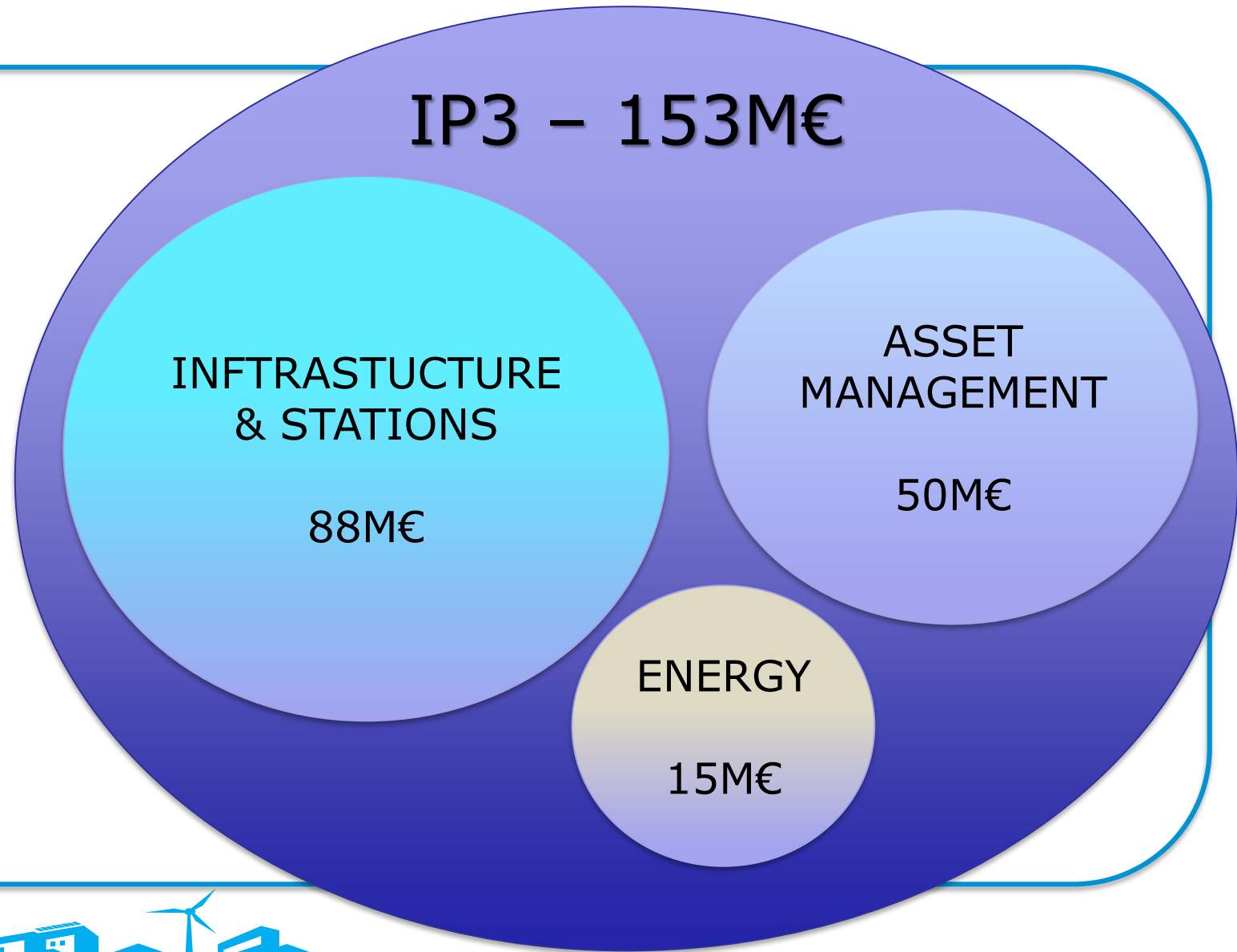
Rail R&I under Horizon 2020



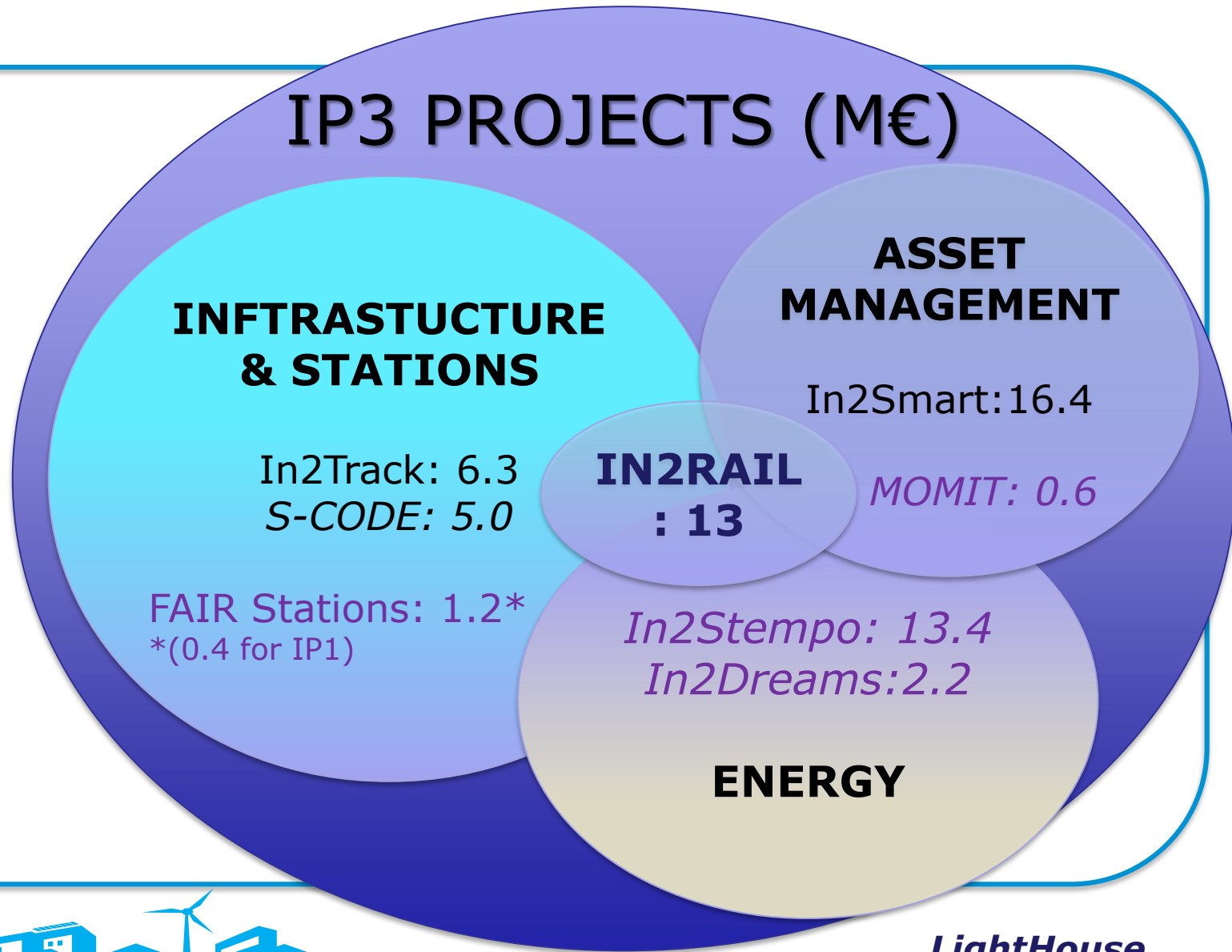
WHAT'S GOING ON



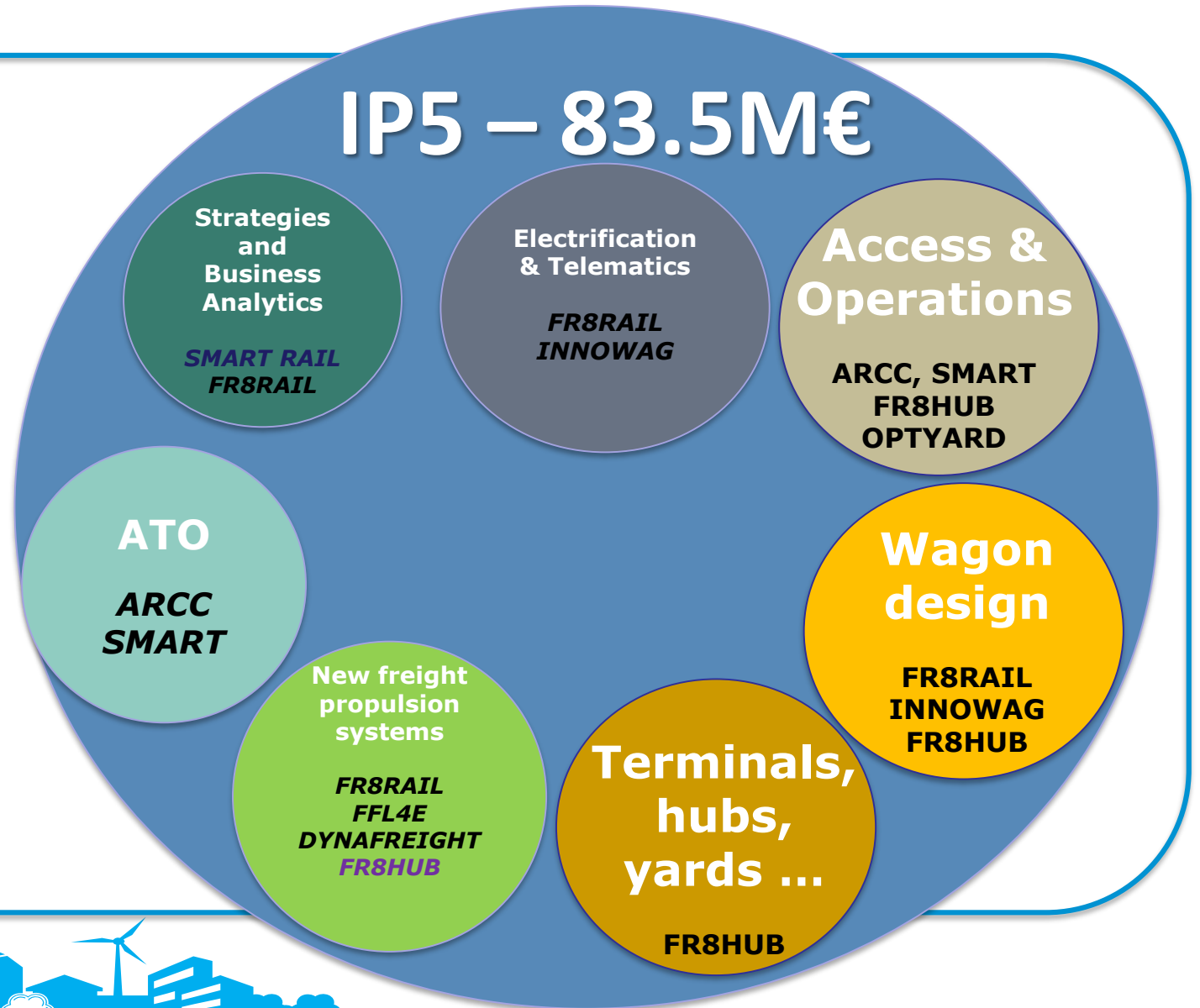
IP3 - Cost-Efficient and Reliable High-Capacity Infrastructure



IP3 - Cost-Efficient and Reliable High-Capacity Infrastructure



IP5 - Technologies for Sustainable & Attractive European Rail Freight



USER FIRST: USER CENTRIC MOBILITY AS A SERVICE



Thank you

imagine, together we make it...

