



EDP Innovation

São Paulo

Lisboa

Madrid

EDP GROUP OVERVIEW

RENEWABLES WORLD LEADER

EDP CONSOLIDATED 2017

Clients: ~12Mn

Market Cap: ~ € 10Bn

EBITDA: € 4Bn

Generation Cap: ~ 26.8GW (73% Renewables)

EDP PORTUGAL

29% of EBITDA

#1 Producer, distributor and trader in Portugal

EDP BRASIL

18% of EBITDA

#4 private wholesale market player

#5 private power generation

EDP RENEWABLES

WIND & SOLAR POWER

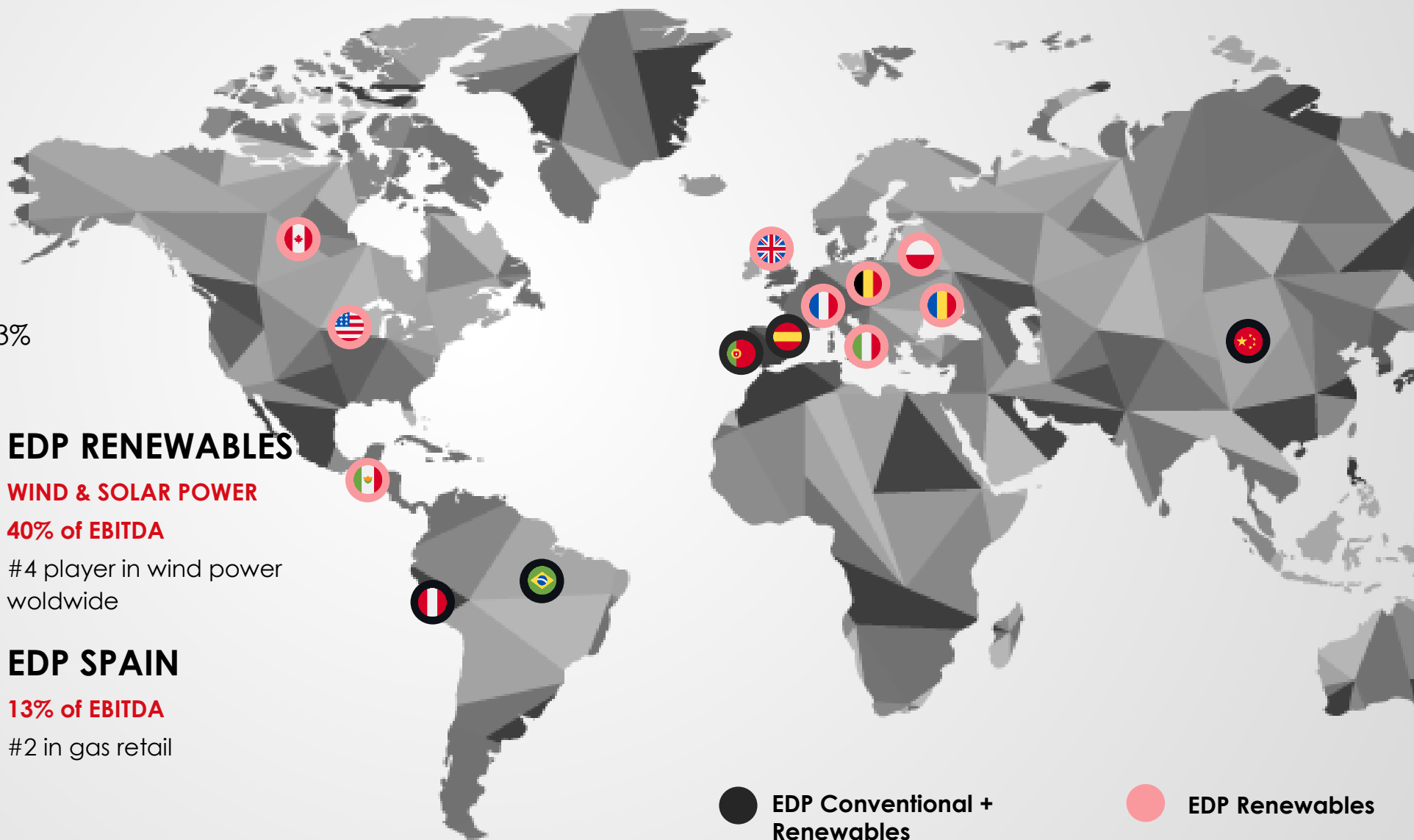
40% of EBITDA

#4 player in wind power worldwide

EDP SPAIN

13% of EBITDA

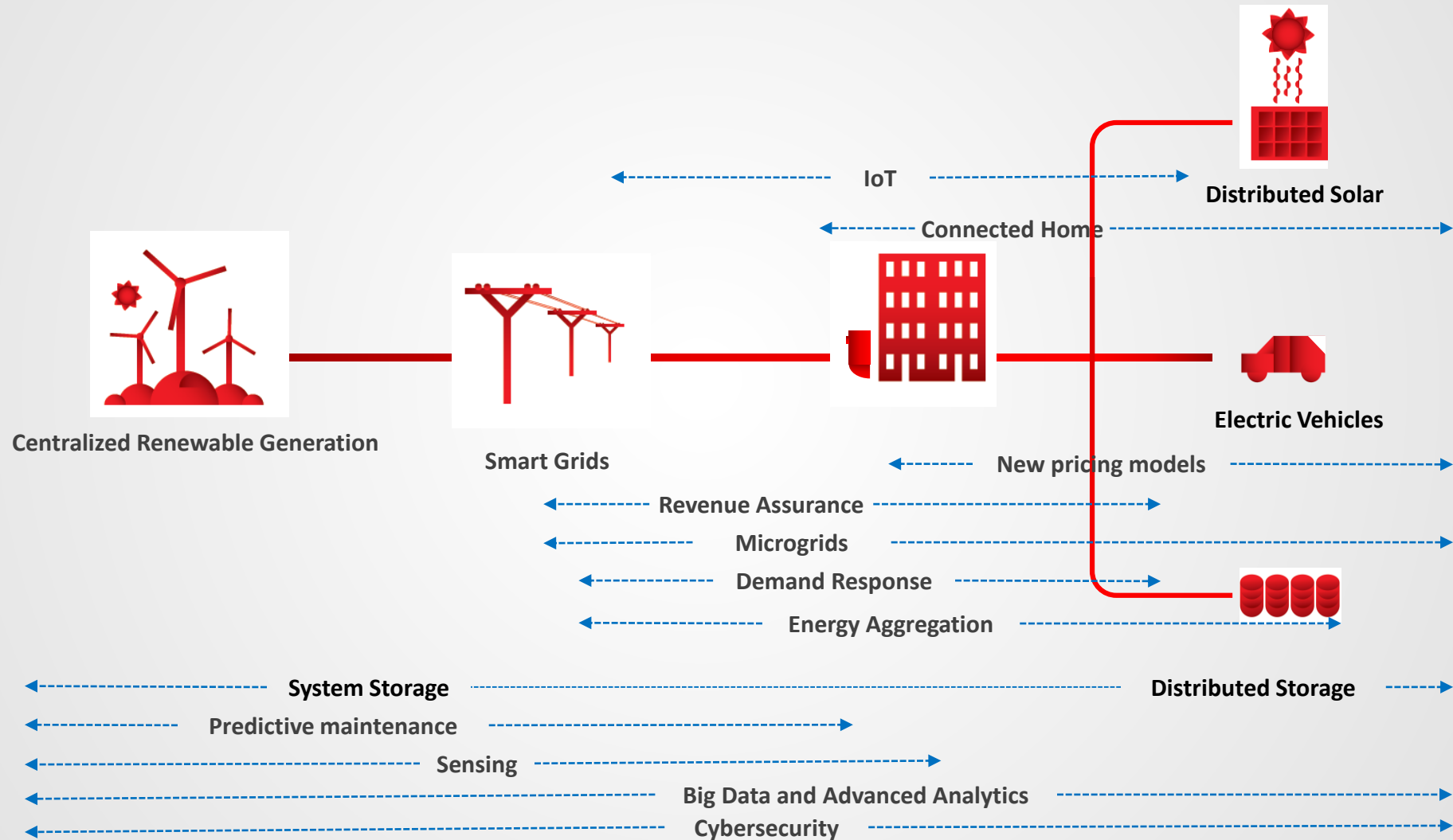
#2 in gas retail



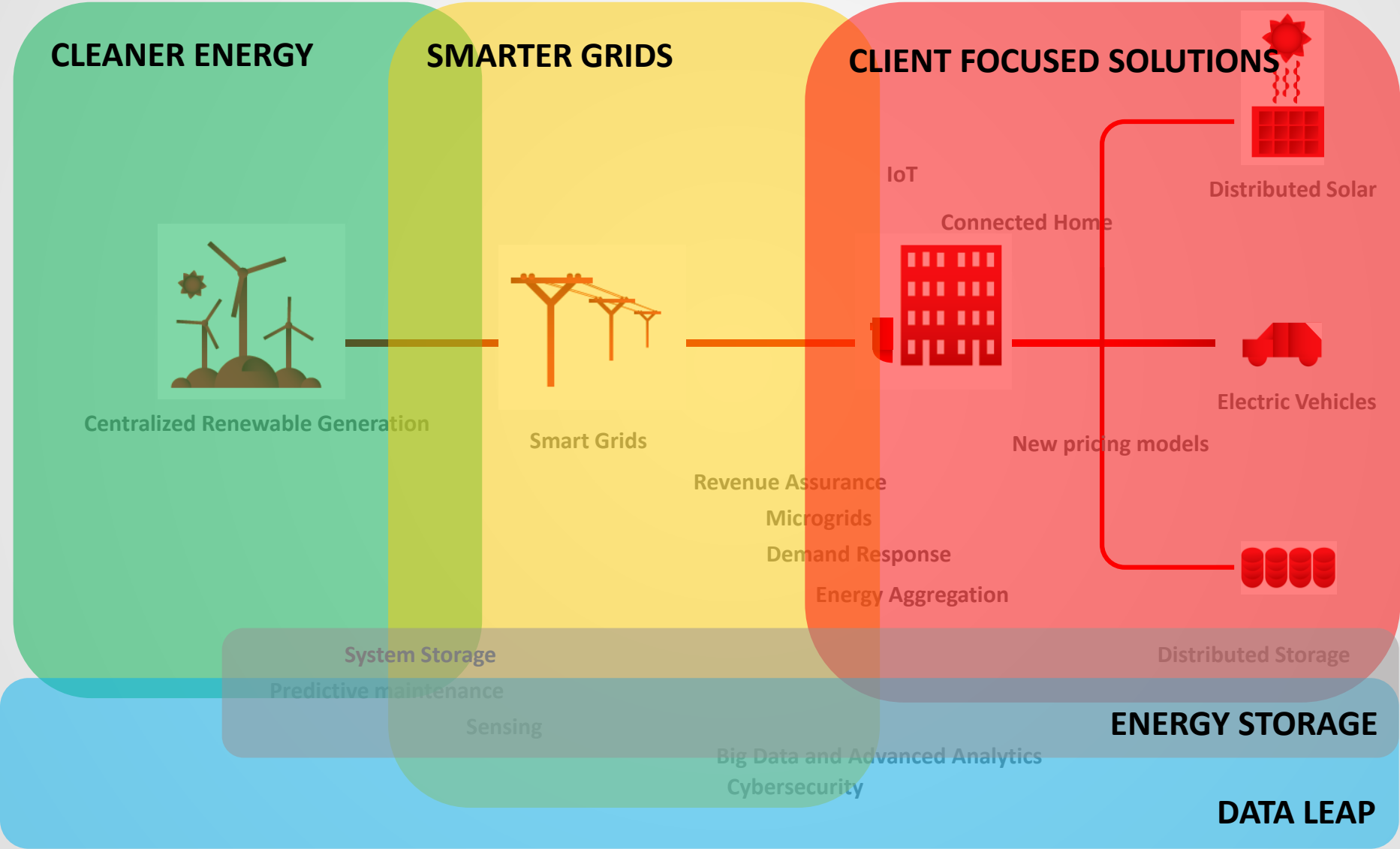
● EDP Conventional + Renewables

● EDP Renewables

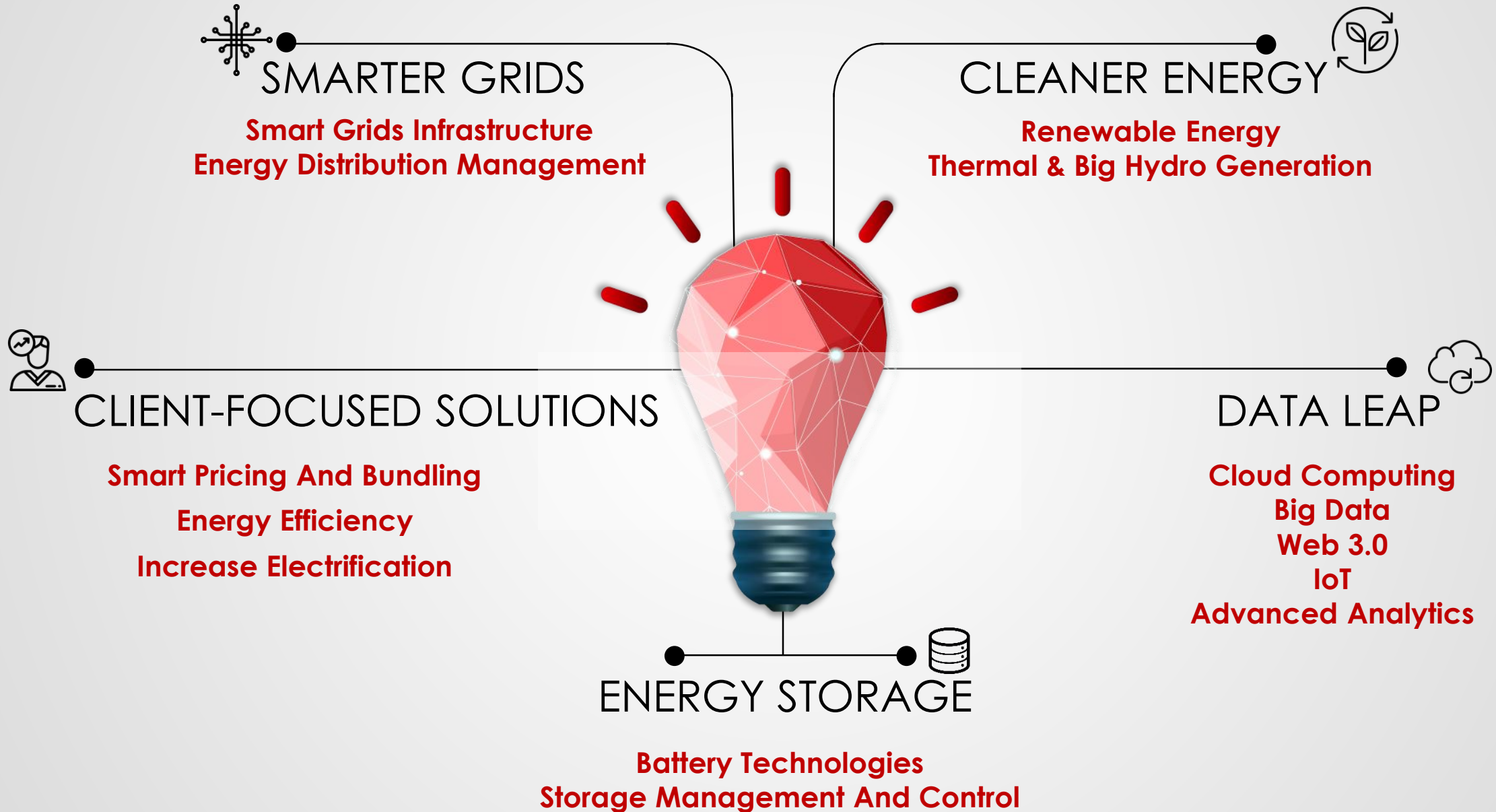
Technology (and BM) innovation is reshaping the energy sector



5 innovation priority areas crossing technology and value-chain

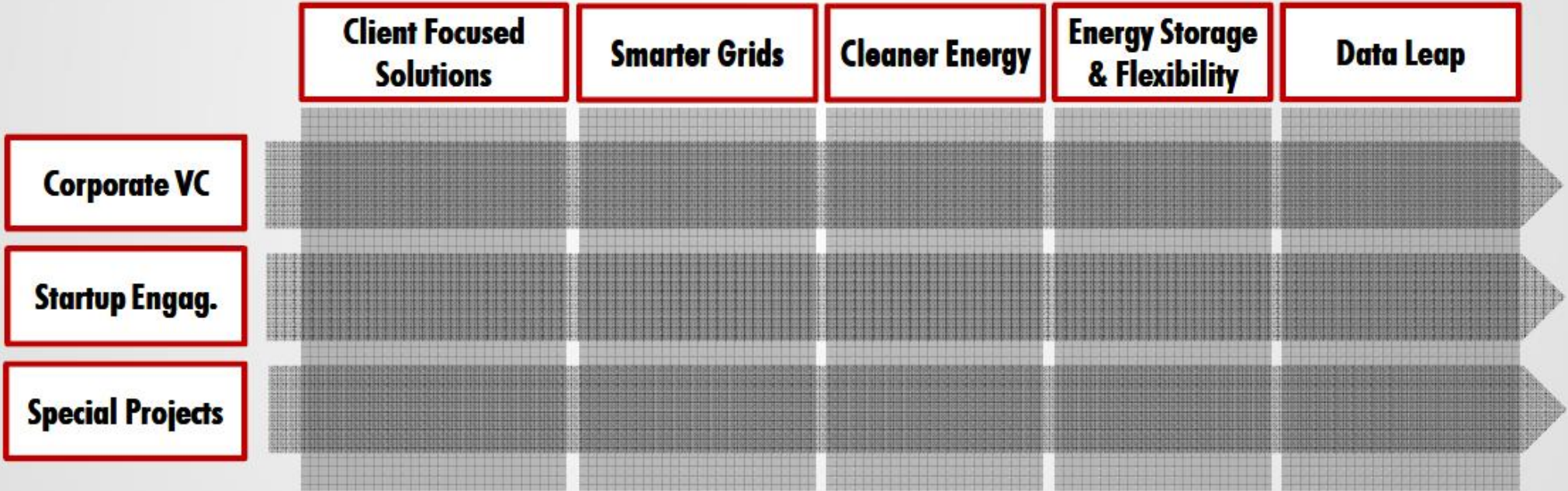


EDP Innovation **Priorities**



EDP Innovation **Organizational Structure**

Separate company with the mission to support the development of value-added innovation across EDP



Directly managing 5 top level innovation workgroups at EDP

Key innovation areas and expertise groups

1. Client-focused solutions

Smart Pricing and Bundling

- Develop innovative pricing schemes that leverage on technology / SG
- Explore synergies with innovative gas / electricity bundles

Energy Efficiency

- Home / office / industry Energy Management solutions
- Efficient Lighting Solutions

Increase Electrification

- Electric Mobility
- Other

2. Smarter Grids

Smart Grids

- Adequate smart grid infrastructures
- Software applications leveraging on SG elements to improve operational excellence

Energy Management / Storage

- Energy Storage Solutions
- Other energy management solutions such as DSM, etc.

3. Cleaner Energy

Renewable Energy

- Wind Onshore, Offshore and new concepts
- Solar: current and new concepts
- Quest for disruptive renewable concepts

Thermal & Big Hydro Generation

- Flexibility and interface with Smart Grids
- Impact mitigation solutions

4. Data leap

Cloud computing

- Provide agility in leveraging IT resources by enabling dynamic management of infrastructure, lowering capital investments

Big data

- Generate business and customer intelligence to help optimize operations and drive creation of new products and services

Web 3.0

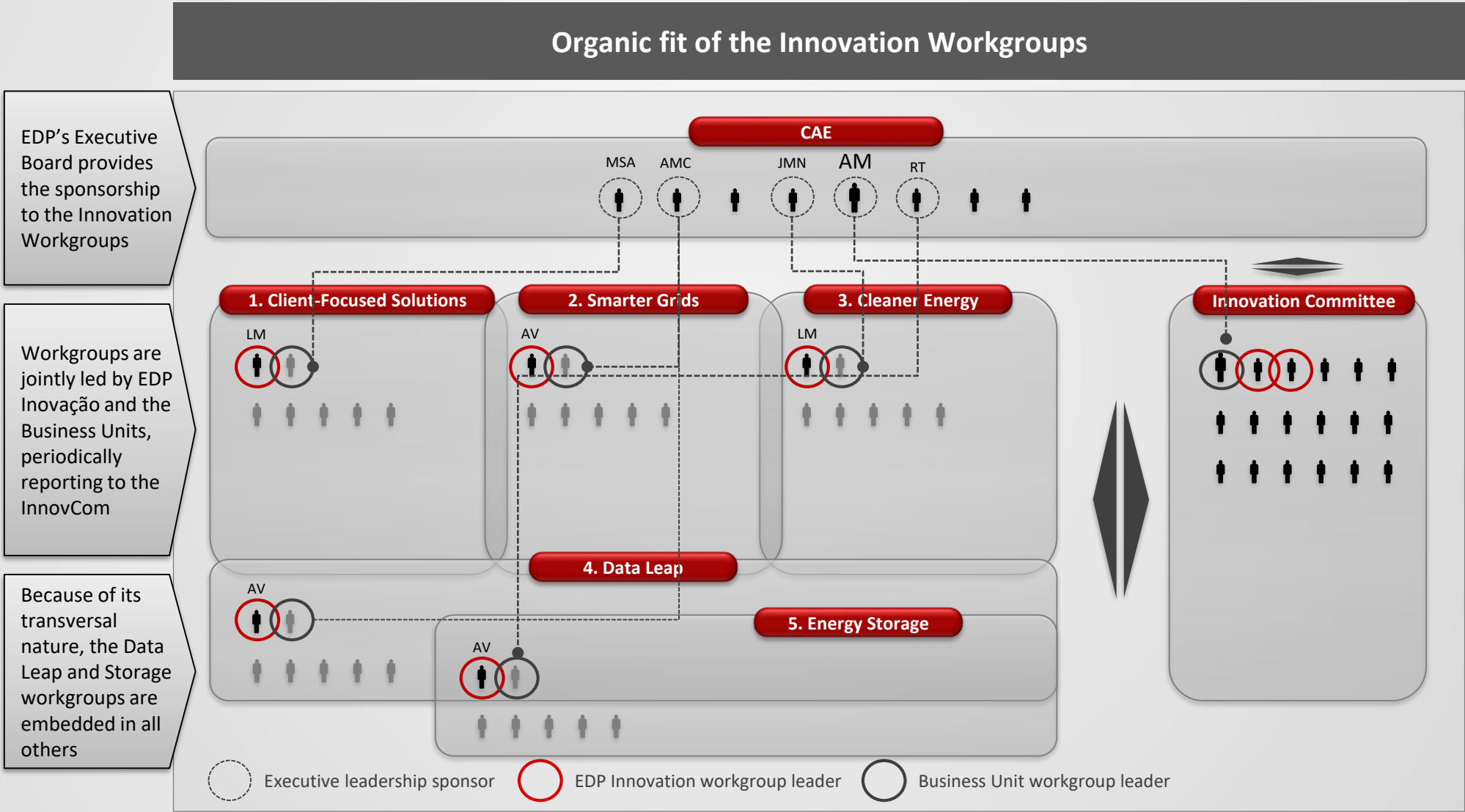
- Bring people and technology seamlessly together, bridge business and social and increase productivity in collaborative work

5. Energy Storage

Storage technologies

Storage management and control

With participation of top level Executive Board



EDP Innovation Timeline



EDP Innovation manages a Business and Knowledge ecosystem with global reach, bringing EDP's BUs and People closer to leading innovators and entrepreneurs



>1,000 startup applications/year in the several programs

Innovation WGs + BUs involved in sourcing, engagement, decision and implementation

EDP Ventures with a reinforced capacity to invest in a quality pipeline that is sourced by Startup Engagement initiatives and BUs/Innovation projects

EDP Ventures SGPS

- Original Corporate VC vehicle of EDP
- Funds from EDP's Balance Sheet
- 40 M€ under management for investments worldwide
- ~25M€ already invested

EDP Cleantech FCR

- Established in Q4 2017
- 25 M€ under management for investments in Portugal:
 - 15 M€ from EDP
 - 10 M€ from IFD

EDP Ventures Brasil

- Established in Q2 2018
- Funds from EDP's Balance Sheet
- R\$30 M under management for investments in Latin America

8 Equity Investments



10 Convertible Sponsorships & Debt



2 Equity Investments



- Ongoing pipeline development
- First investments expected to occur in Q4 2018

EDP INNOVATION STATISTICS

INVESTMENT



Investment
Team in
Portugal &
Brazil



27M€
Invested



21
VC Investments
(Including
2 Funds)



117M€
Funds Raised
by portfolio
companies



38M€
Yearly
Revenues on
portfolio
companies



+500
Jobs Created
by portfolio
companies



50
Focal Points

IDEA AND INCUBATION



+2500
Startup
Applications



+650K€
Awards



34
Startups

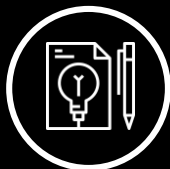


Presence in
Portugal,
Spain and
Brazil



32
People work in
EDP Innovation

PILOT PROJECTS



+500
Projects



5
WorkGroups



15
Interim
Managers