

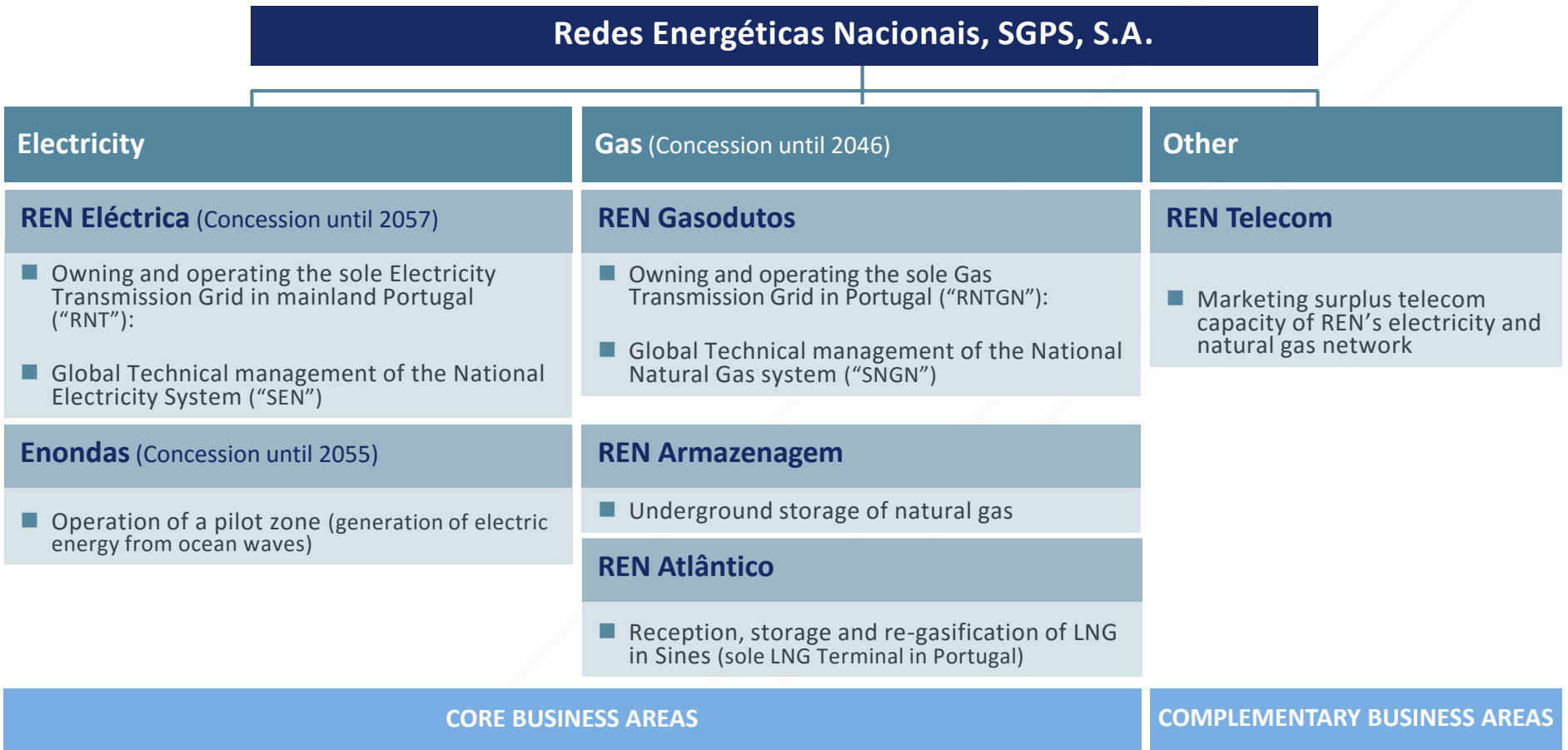


Our experience...

CEG-IST | 20th anniversary

8th October.2015

REN: electricity and natural gas transmission system operator



Source: REN



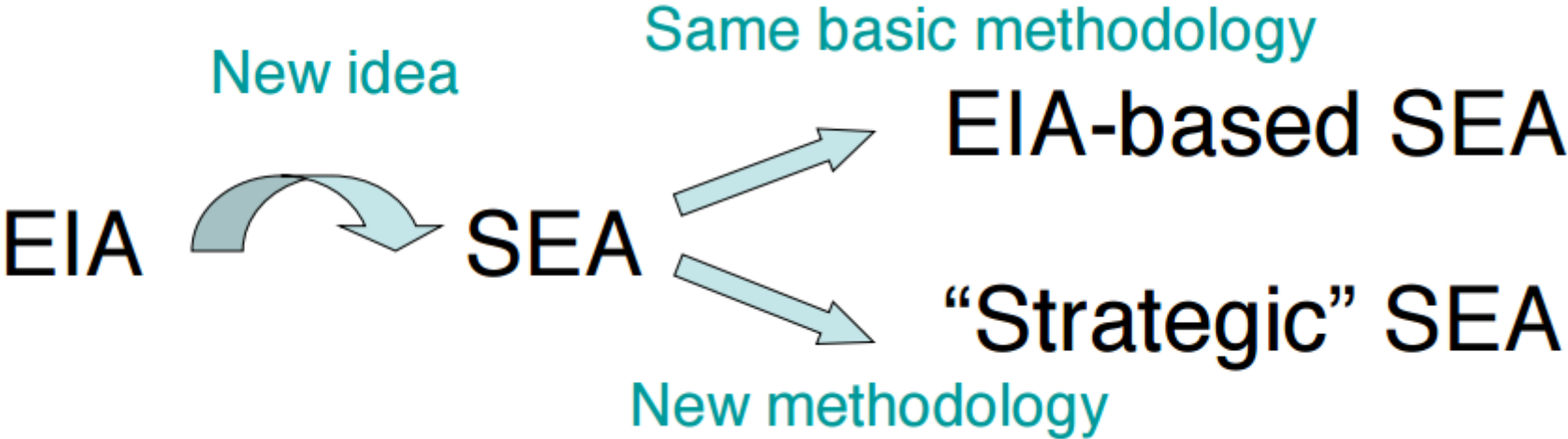
Strategic Environmental Assessment...a new challenge

- ✓ Learning by doing approach
- ✓ Mutual understanding of the technical, environmental and management expectations, concepts and methodologies
- ✓ Building bridges between all these different perspectives

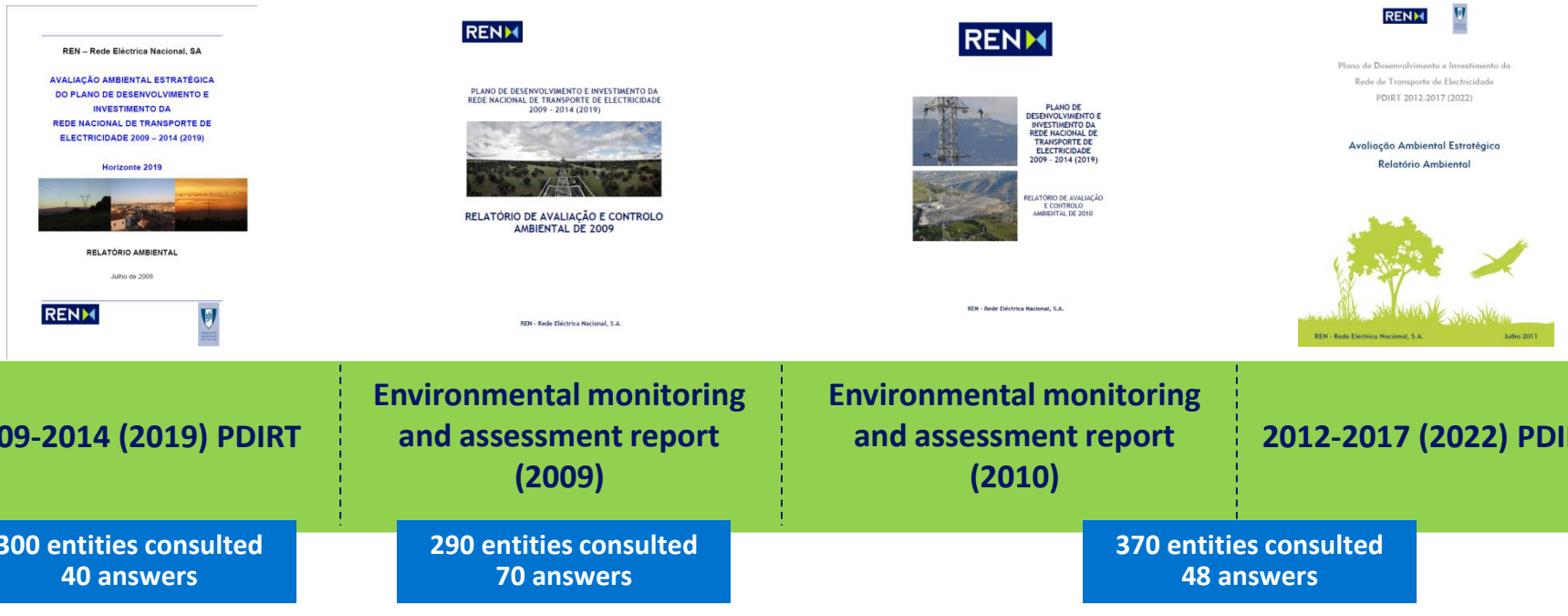
Looking to things by a different point of view...



Back to the basics...



Electricity Investment Plan (PDIRT's) SEA



REN produces and publishes, every three years, the grid development plan (PDIRT in Portuguese).

The SEA of PDIRT 2009-2014 (2019) carried out for the first time and **integrated** with the grid planning process

2nd Level...



Natural Gas Investment Plan (PDIRT's) SEA

REN - Gasodutos, SA

Plano de Desenvolvimento e Investimento da RNTIAT
(2014 - 2023)



Avaliação Ambiental Estratégica

Declaração Ambiental



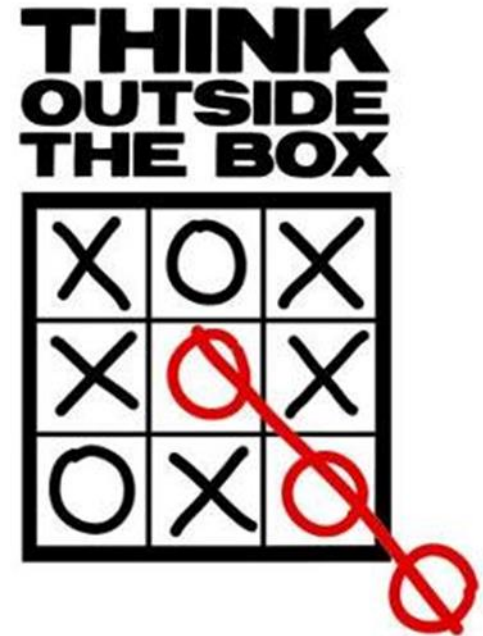
SEA
+
"AIA"

=



Infrastructure development with the least impact

- SEA based on **critical factors** (energy, fauna and land use planning).
- Different strategies for expansion of the national transmission grid had been identified.
- The final strategy selected results, **integrating environmental and sustainability**, and is the outcome of the assessment of risks and opportunities in each CDF.
- **Guidelines** designed for the specific assessment scale to enable conditions for EIA and spatial planning.



Major achievements...

1 SEA influenced the principles and the concept of grid planning helping to:

- Increase **transparency** and commitment in decision making
- Facilitator of the dialogue between:
 - REN SEA and planning teams;
 - Private and public authorities;
 - REN and the land use planning and/or environmental authorities;
 - REN, NGO's and public.



Major achievements...

2 Management concepts integration on sustainability tool

- Strategic thinking
- Governance Framework
- Key monitoring indicators
- Feedback for new processes

3 A **more balanced and sustainable set of decisions** on the development of the transmission grid was achieved, taking into account not only possible goals but also the macro impacts from the expansion of our assets.





Thank you.

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