

DISTRIBUTED GENERATION FOR THE FOLLOWING 15 YEARS



SOCIETATEA PENTRU ENERGIE - GENERARE SI SERVICII S.A.



Marilena Mantu
CEO

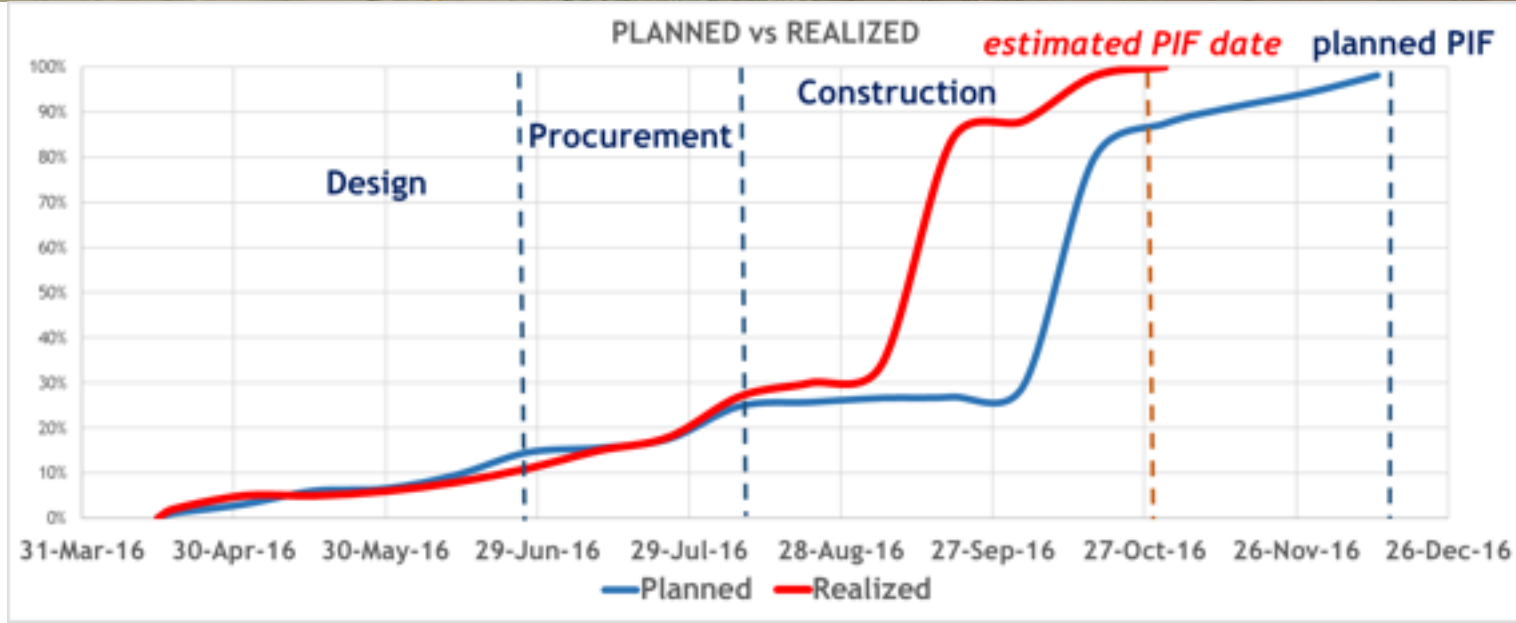
a company of





What we do now?

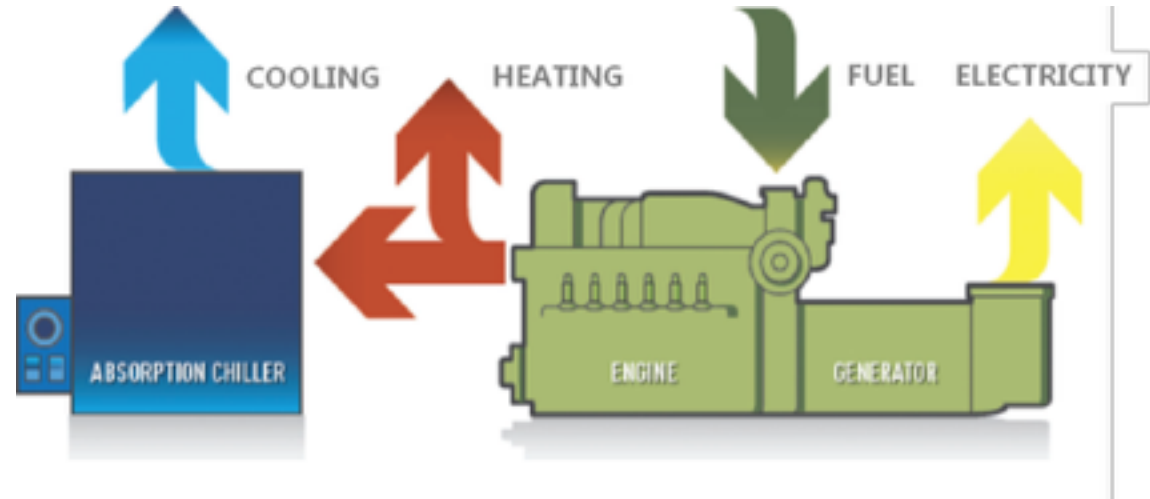
F - BOOT Project CHP Barbuncesti - 15 years



New project under development



Tri-generation power plant (CCHP)



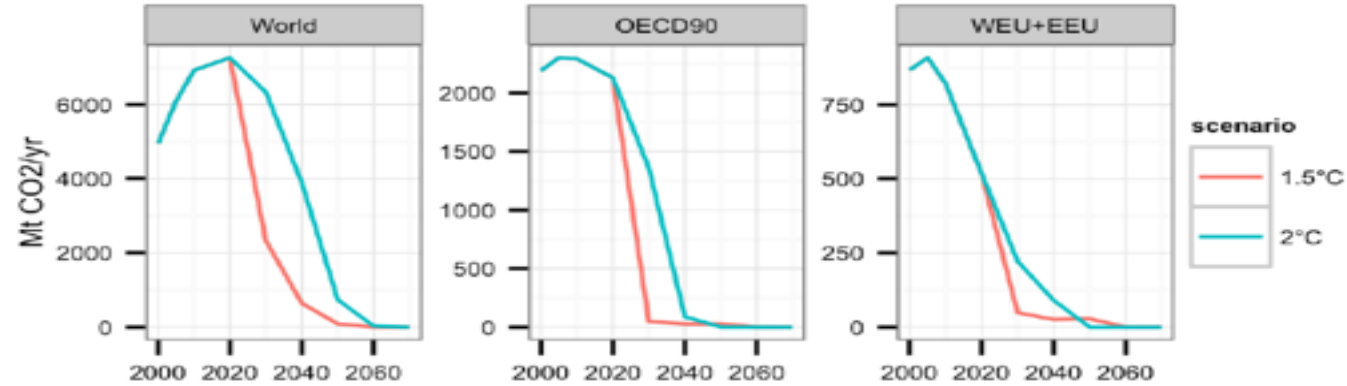
Our main partners





What we will do!

Outlook: reaching 1.5C° Paris target



| Emissions from coal need to become (close to*) zero by | | | |
|--|-------|------|---------|
| | World | OECD | WEU+EEU |
| 1.5°C | 2050 | 2030 | 2030 |
| 2°C | 2060 | 2040 | 2040 |

ENERGY SYSTEM BACK-UP & BALANCING

GAS



Electrical efficiency up to 49,9 %
Start-up in less than 5 min
CHP efficiency > 90%

The Power of Friendship



WIND & PV



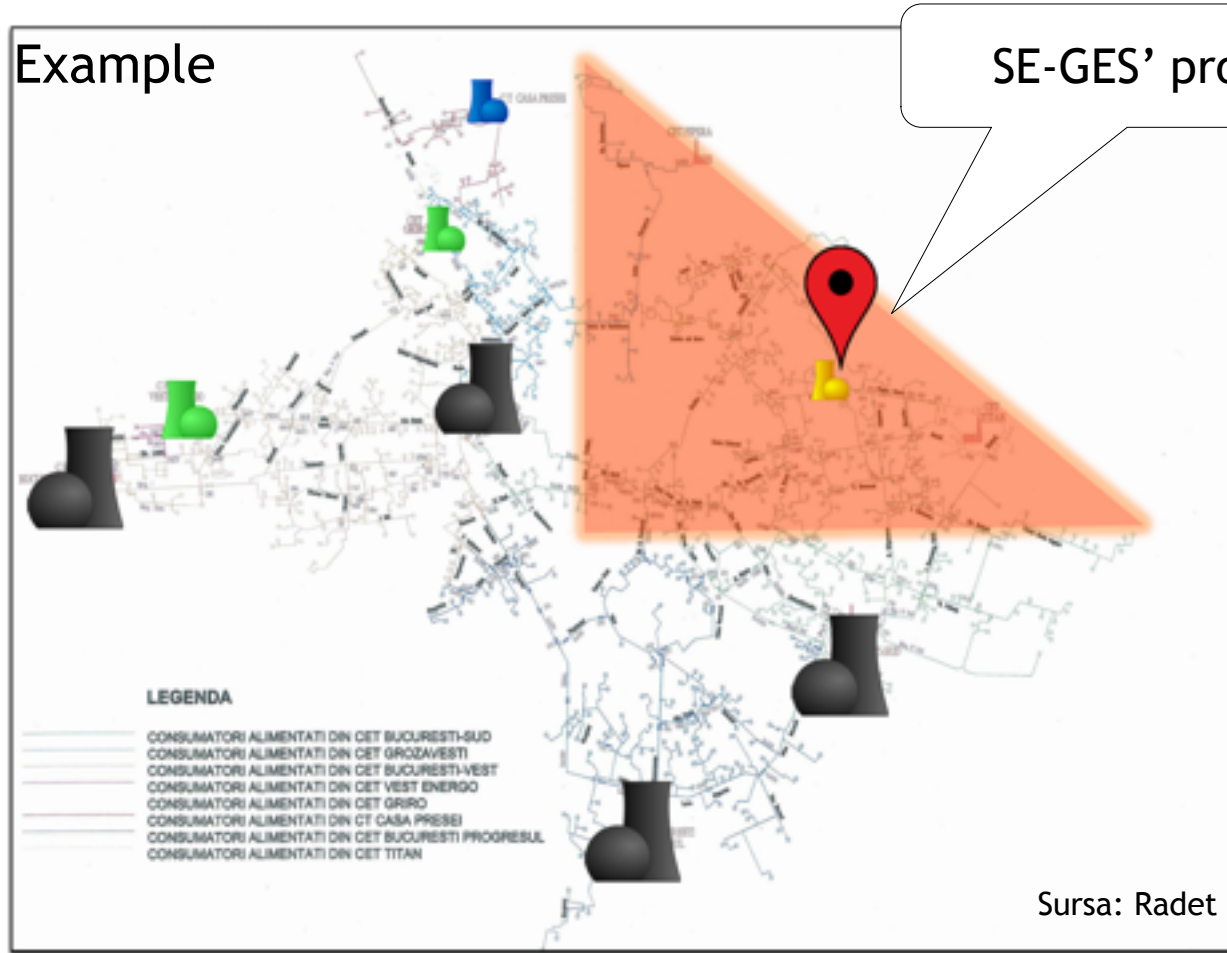
3000 MW wind
1300 MW photovoltaic

Intermittent supply to Grid
Zero carbon emission

Flexible supply to Grid
Lower carbon footprint than coal

OUR BET

Example



Distributed generation in the range of 50 MWth



Residential DH - mini CHP



Energy mix

Summary

- ✓ Gas will remain a reliable source for energy generation
- ✓ Less subsidies for wind & solar power plants
- ✓ High reduction of carbon emission
- ✓ District heating & cooling will be reinvented
- ✓ Capex & Opex will decrease
- ✓ Energy demand will increase



We need to take actions to preserve the future

Thank you for your attention!

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balkan accession fund