



# Energy Transition in La Réunion : Towards 100% Renewables



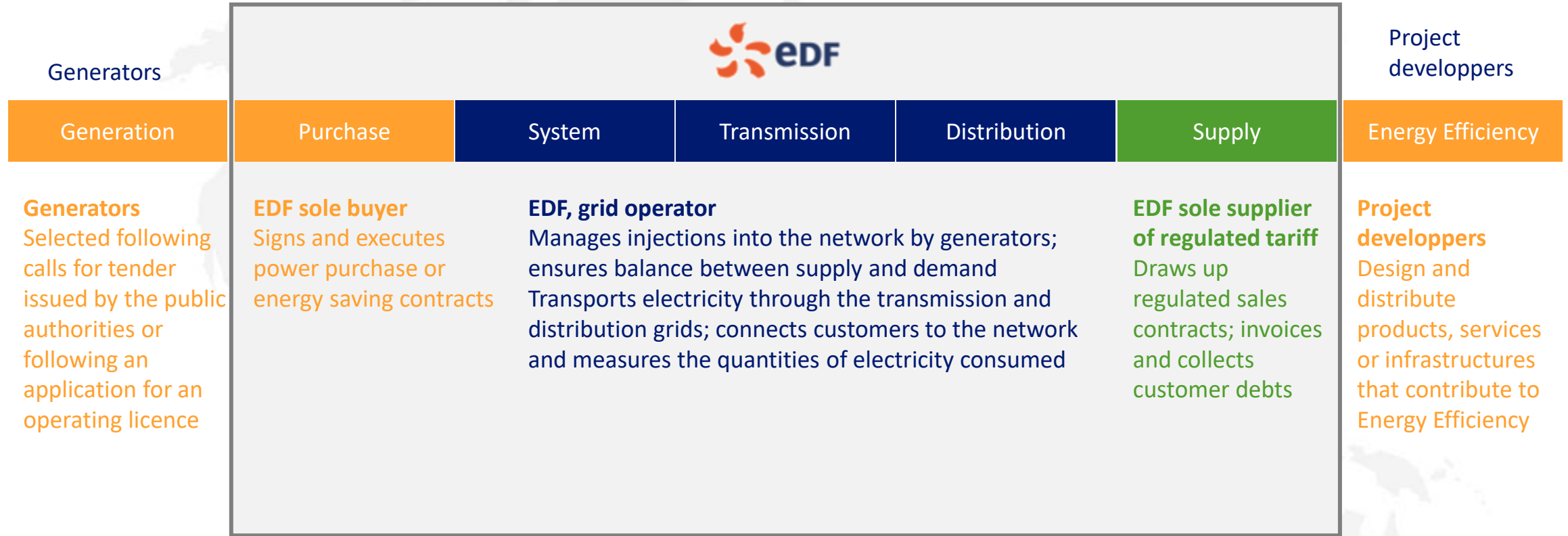


# La Réunion Island a Non Interconnected Area

- Autonomous energy systems of limited size
- Areas exposed to natural hazards
- High electricity generation costs
- A costly balance between supply and demand
- Tariffs serving national solidarity
- A specific regulatory framework



# A specific regulatory framework



Transmission & Distribution

+10000 km of electricity networks

Energy supply

+418000 customers

Generation

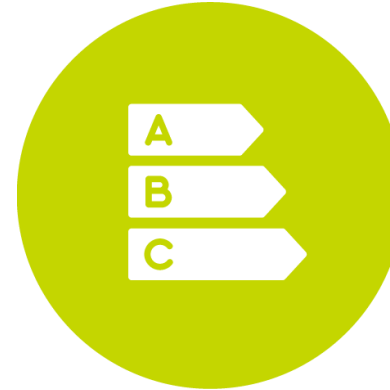
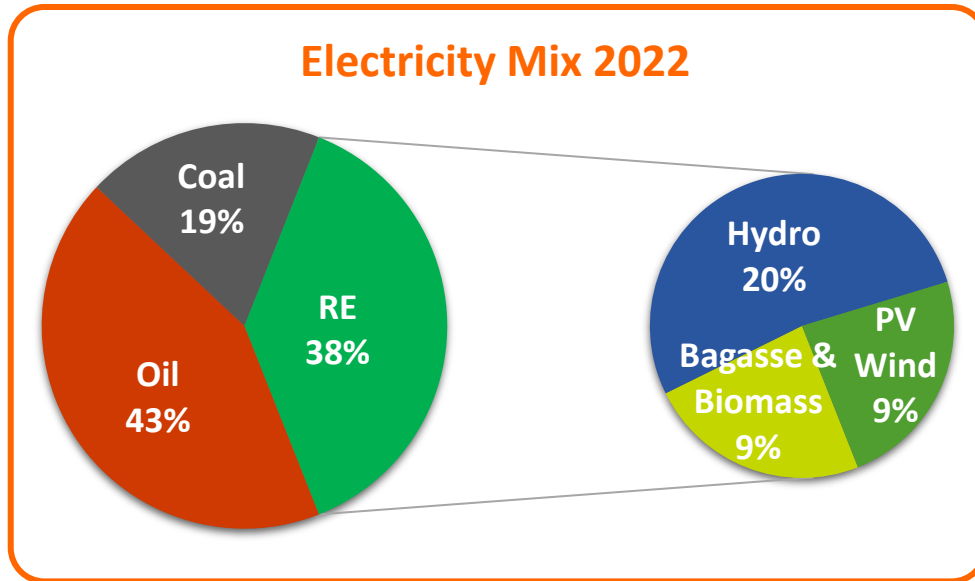
+900 MW of electricity generation capacity and +4500 power purchase contracts





# Challenges of Energy Transition

## La Réunion Island is already an exemple



**75 GWh.**

of consumption savings in 2022,  
equivalent to the annual consumption  
of 20,000 households.



**38% RE**

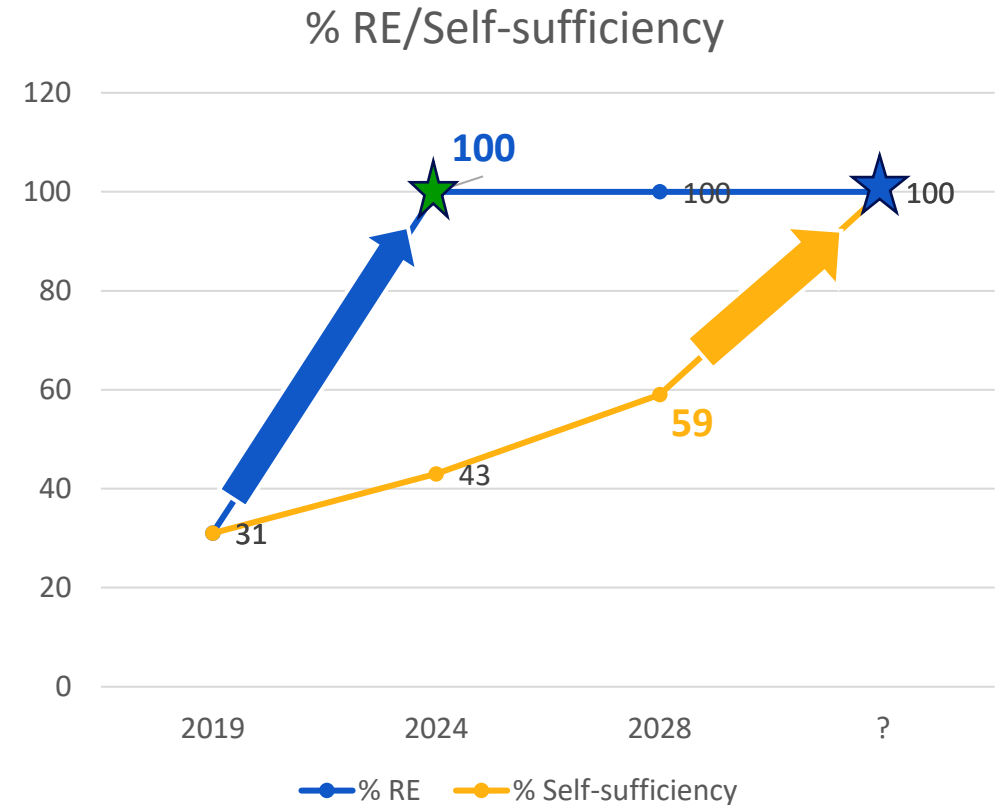
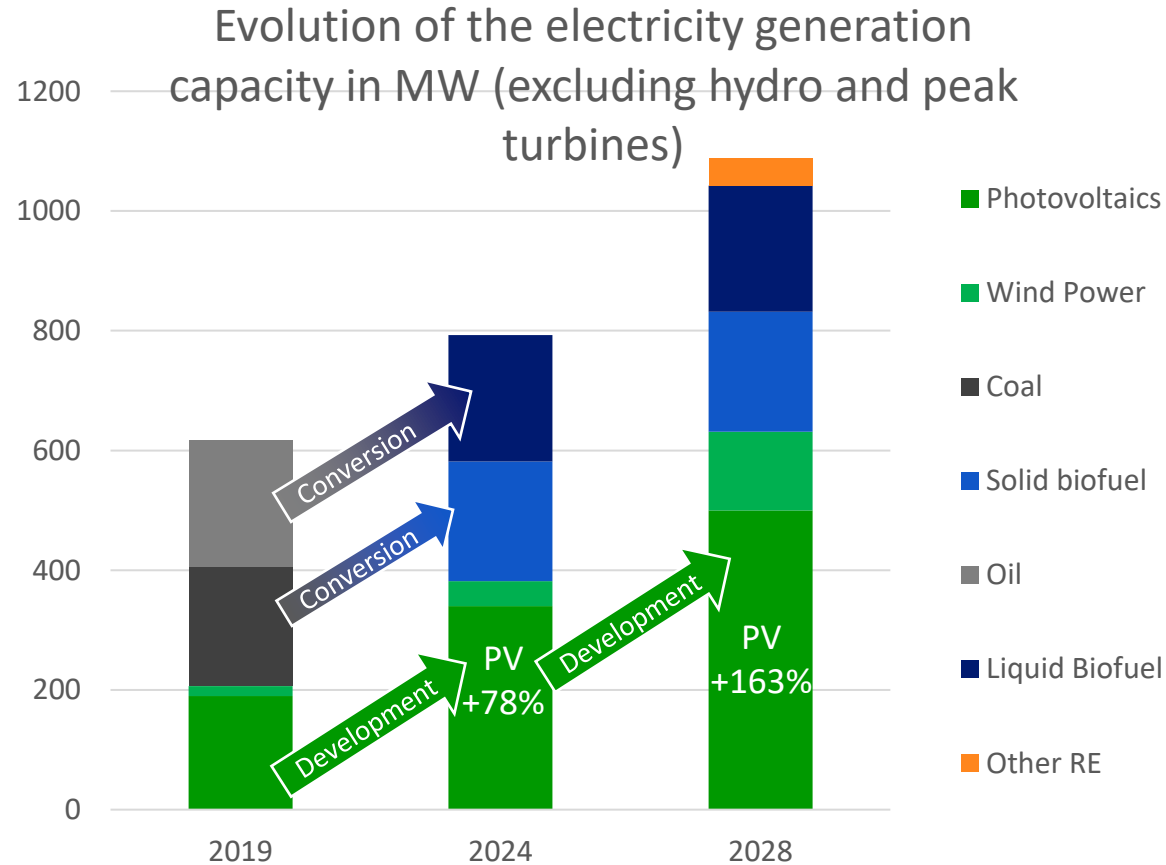


**-55 000 t.**

of CO2 emissions avoided.



# La Réunion Island Energy Plan : Increasing Renewable Energies and eliminating fossil fuels

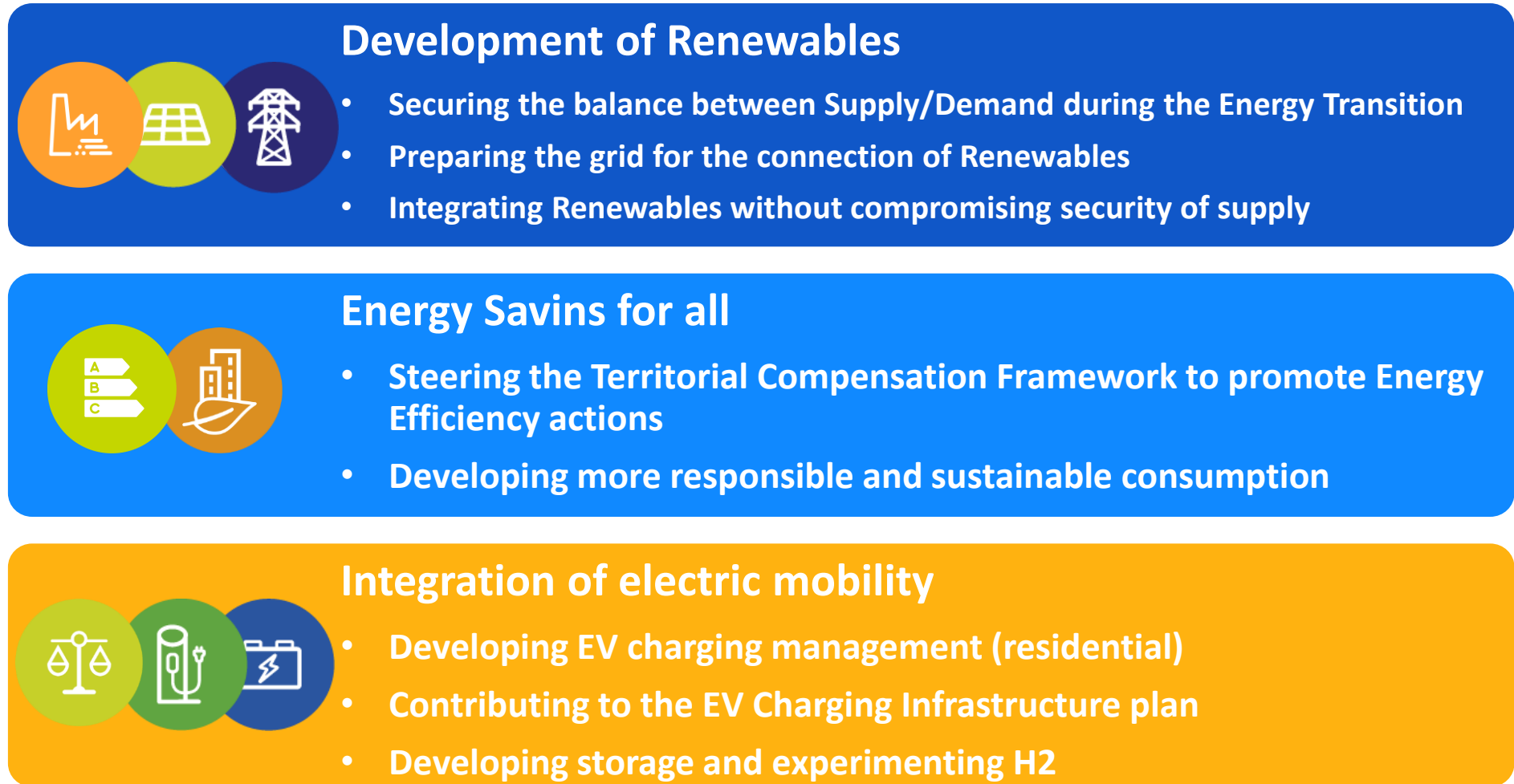


The integration of intermittent energies is a shared challenge between the TSO and the generators in order to meet the 55% of real-time insertion in 2028



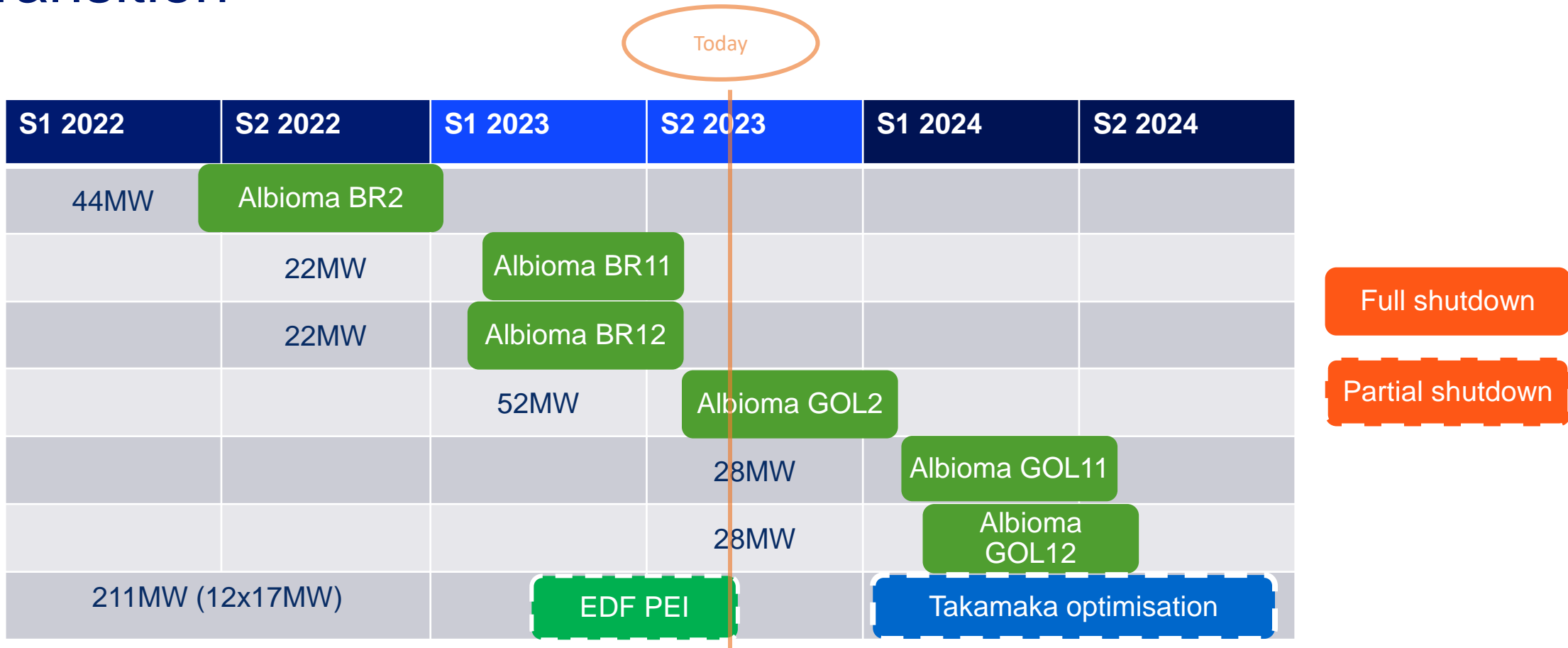
# EDF 100% engaged to enable 100% Renewables

## 3 Main levers for Réunion energy Plan





# Ensuring continuity of power supply during Energy Transition



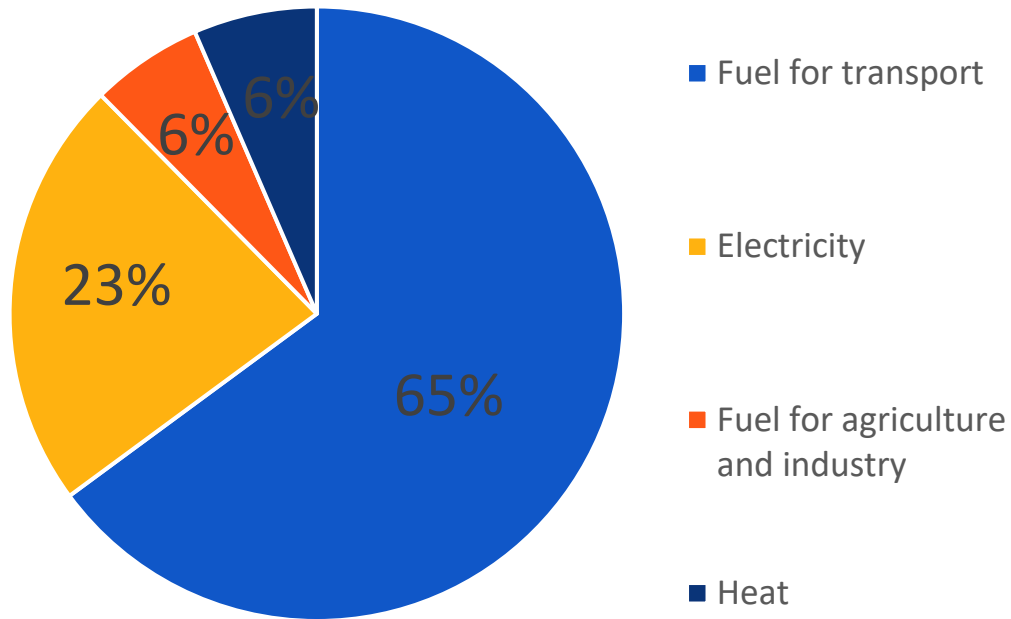
2023 is a major milestone for the transition of Réunion’s energy system, with dispatchable capacities unavailable for long periods.



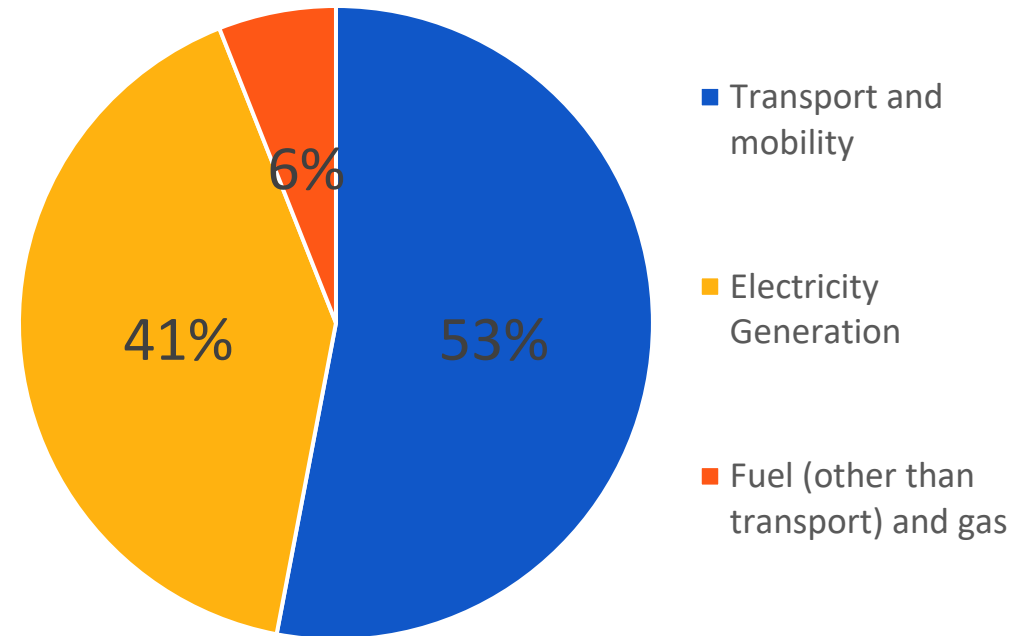
# Decarbonising transportation, the next challenge



## Final energy consumption (2022)



## Greenhouse gas emissions by usage (2022)







Merci





# Reunion Island Energy Plan

## Key drivers and pillars for Energy Transition

### The law

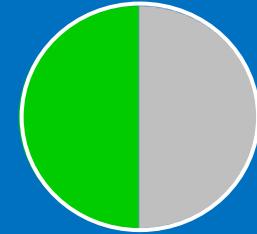
the Act on energy transition for green growth, to move towards 100% renewable energies by 2030



Multi-year energy plan (known by its French acronym **PPE**) is a roadmap for the periods 2019-2023 and 2024-2028, setting out the country's main energy priorities and thereby guiding public and private investment

### Targets in % of RE

2020



2030



### 3 key pillars of Reunion Island Energy Plan

1

Increasing Renewable Energies and eliminating fossil fuels

2

Reducing Energy Consumption

3

Moving toward low carbon mobility

