

Energy, transport and resilience in Guadeloupe

ORGANISATION OF EASTERN CARIBBEAN STATES

Caribbean, Energy, Transport and Resilience : opportunities for
investment and innovation

26th of June 2019, Castries, Saint-Lucia

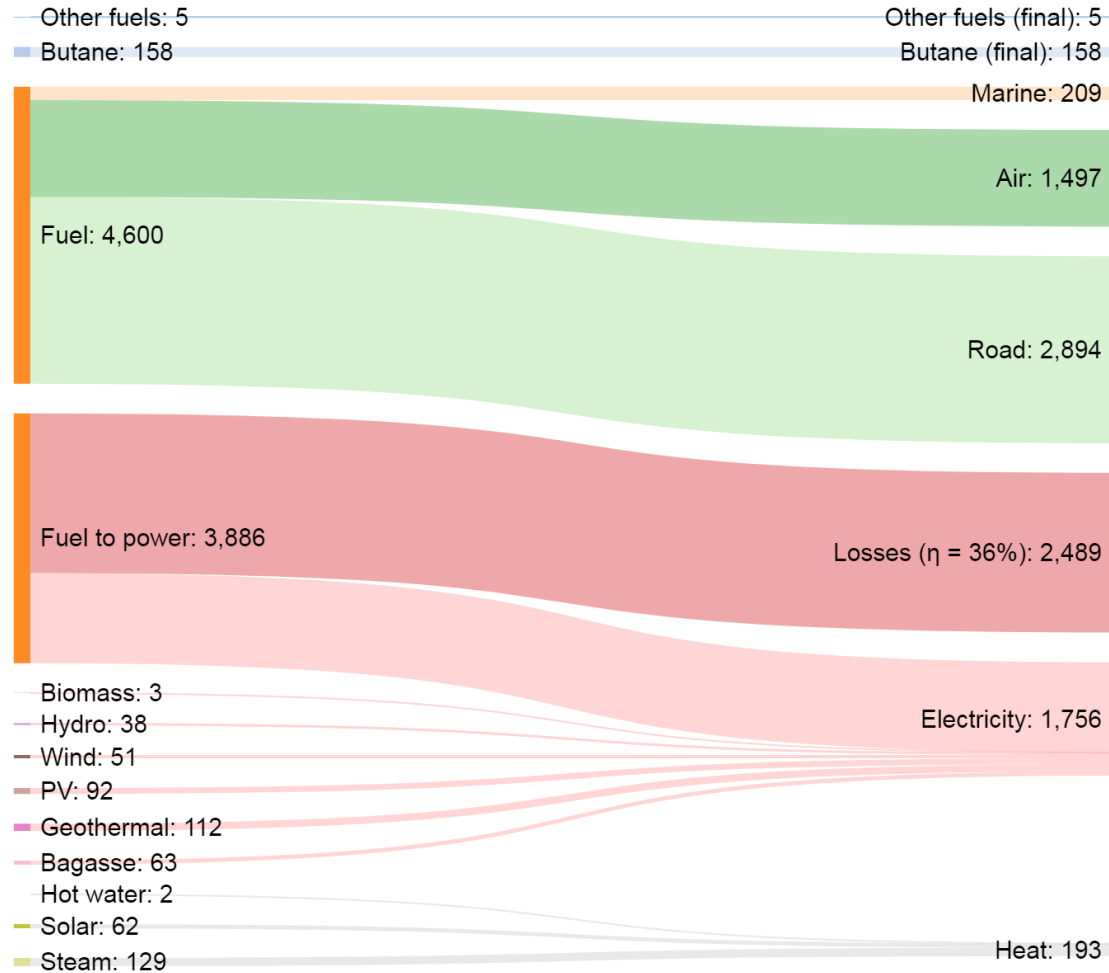
Regional Council of Guadeloupe



What is at stake in Guadeloupe

**Primary needs in
2017 :
9 262 GWh**

(w/o stocks)



**Final needs 2017 :
6 835 GWh**

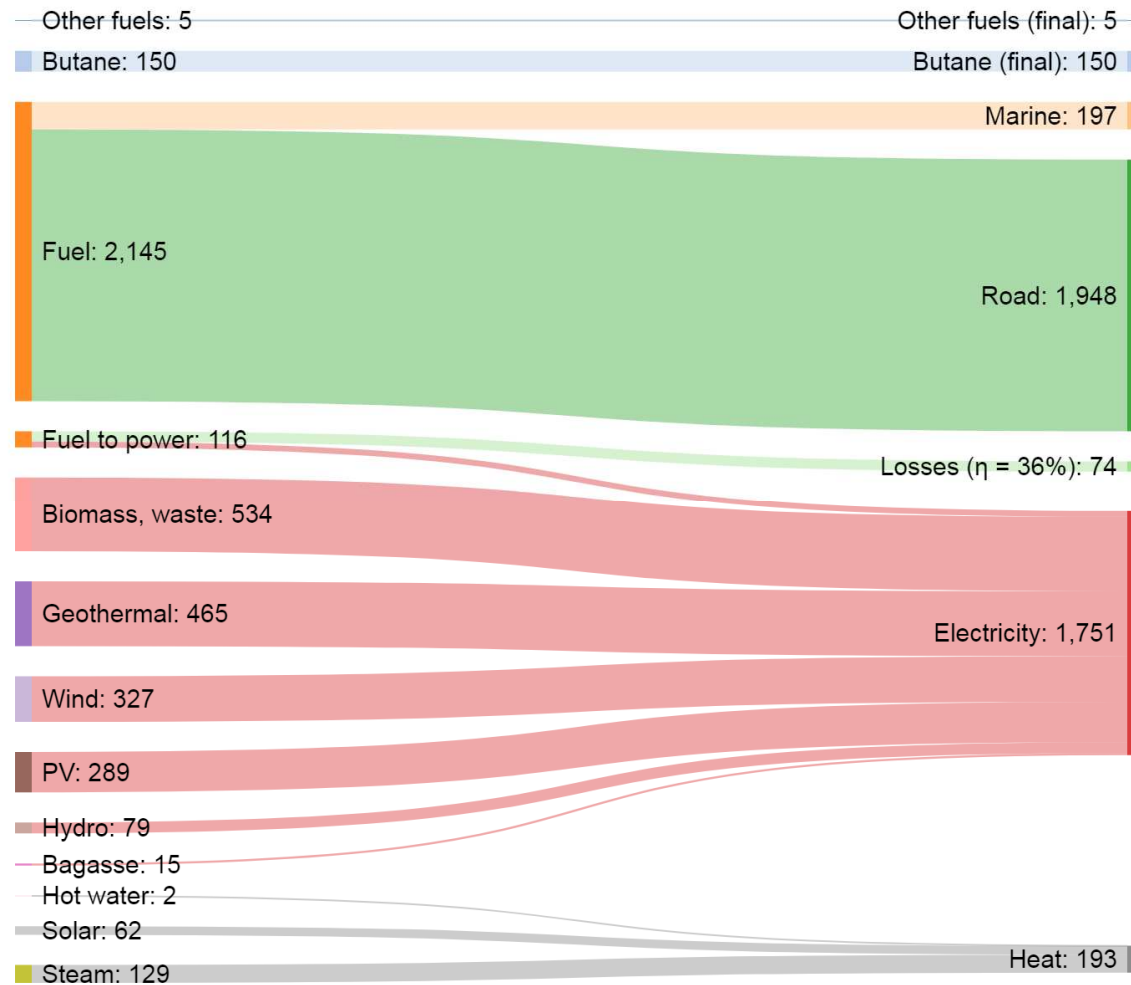
92%

8%
With 20% of REN for
electricity generation

What is expected by 2028

**Primary needs in
2028 :
4 317 GWh**

(w/o stocks)



**Final needs in 2028 :
4 243 GWh**

56%

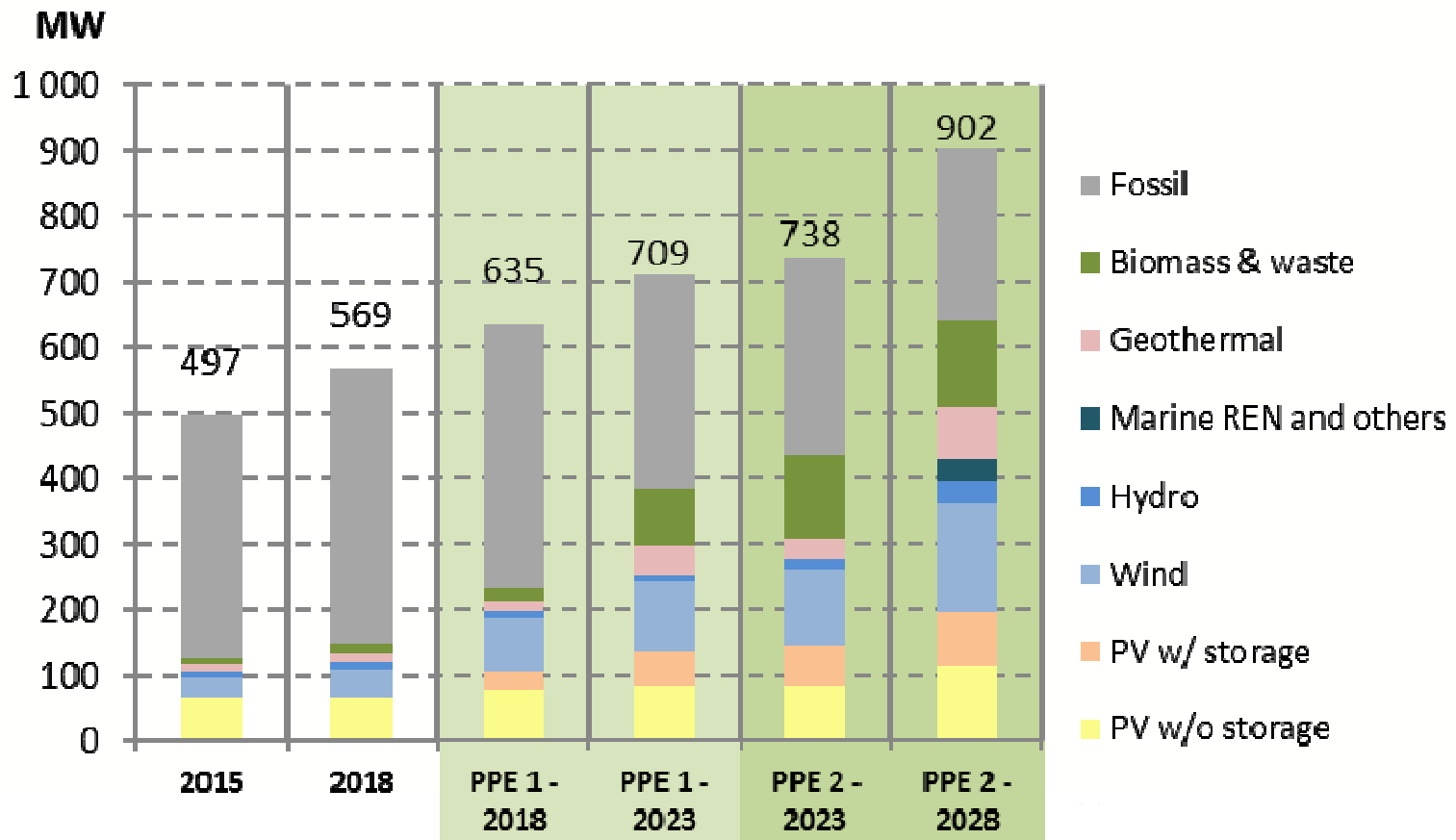
44%

with 98% REN for
electricity generation

(air transportation excluded)

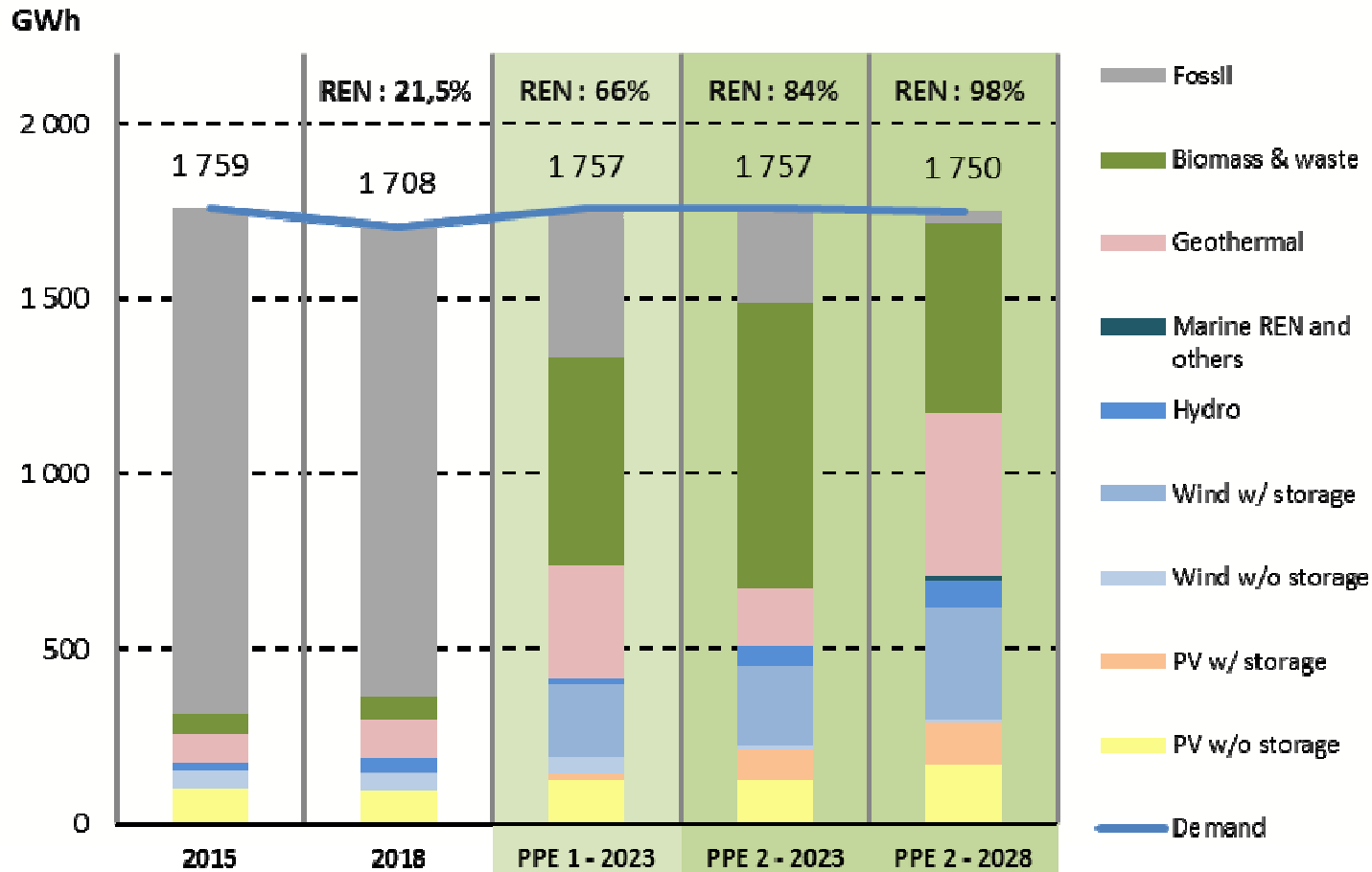
Updated energy roadmap to 2028

Installed capacity in MW



Updated energy roadmap to 2028

Generation in GWh



- Development of e-mobility included
- Requires full implementation of demand-side management planned actions

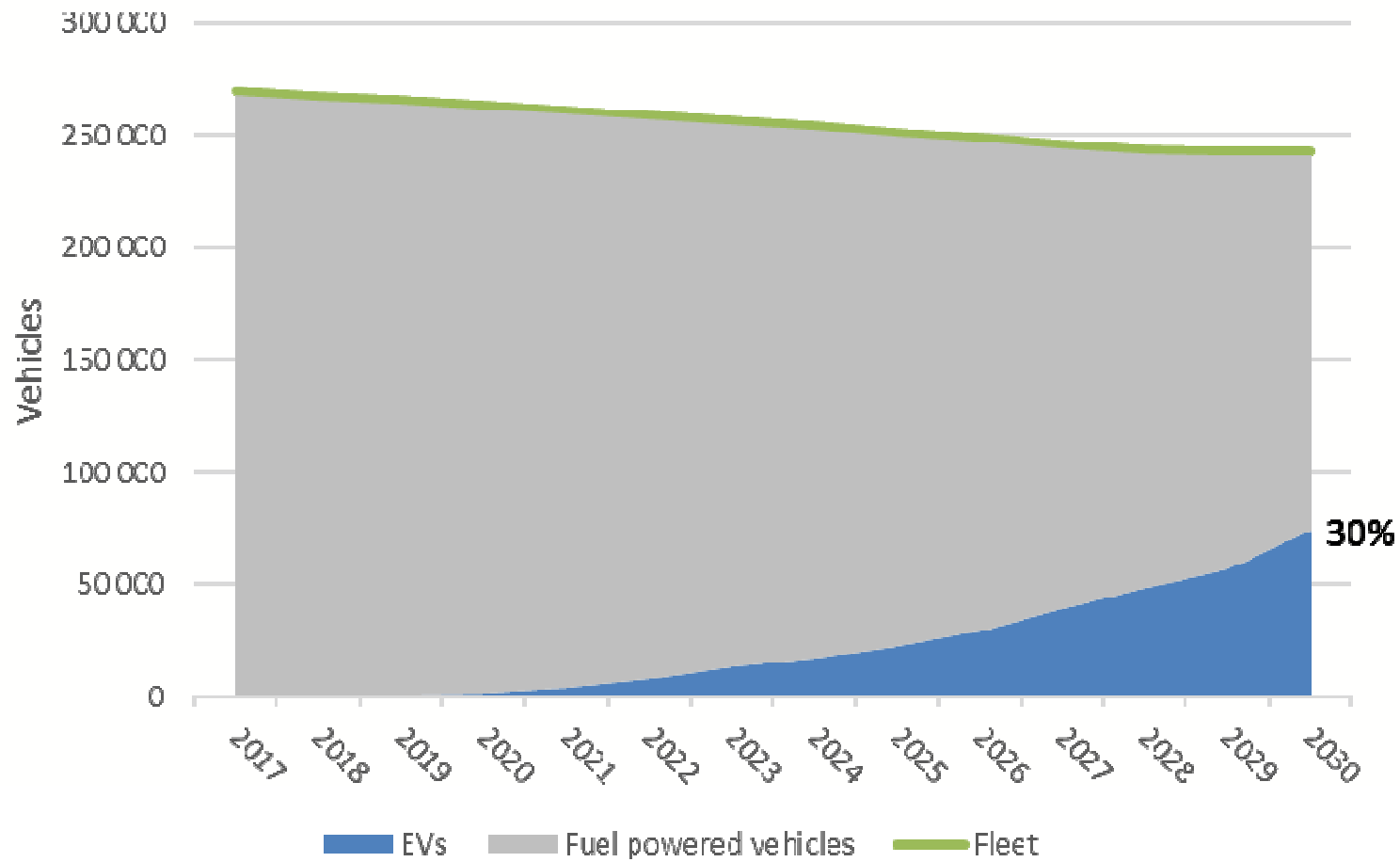


Energy transition in transportation in Guadeloupe by 2028

1. 30% EV by 2030
2. 200 publicly accessible charging points
3. Studies by 2023:
 - Households mobility survey
 - Clean Vehicle Development strategy
 - Sociological relationship to individual mobility
4. Evolution of local fiscal rules:
 - Regional taxes on imported goods
 - National sales taxes on fuel
5. Support : incentives, captive fleets, logistics, public transportation operators...
6. Organisation of public mobility and transportation
7. Urban planning

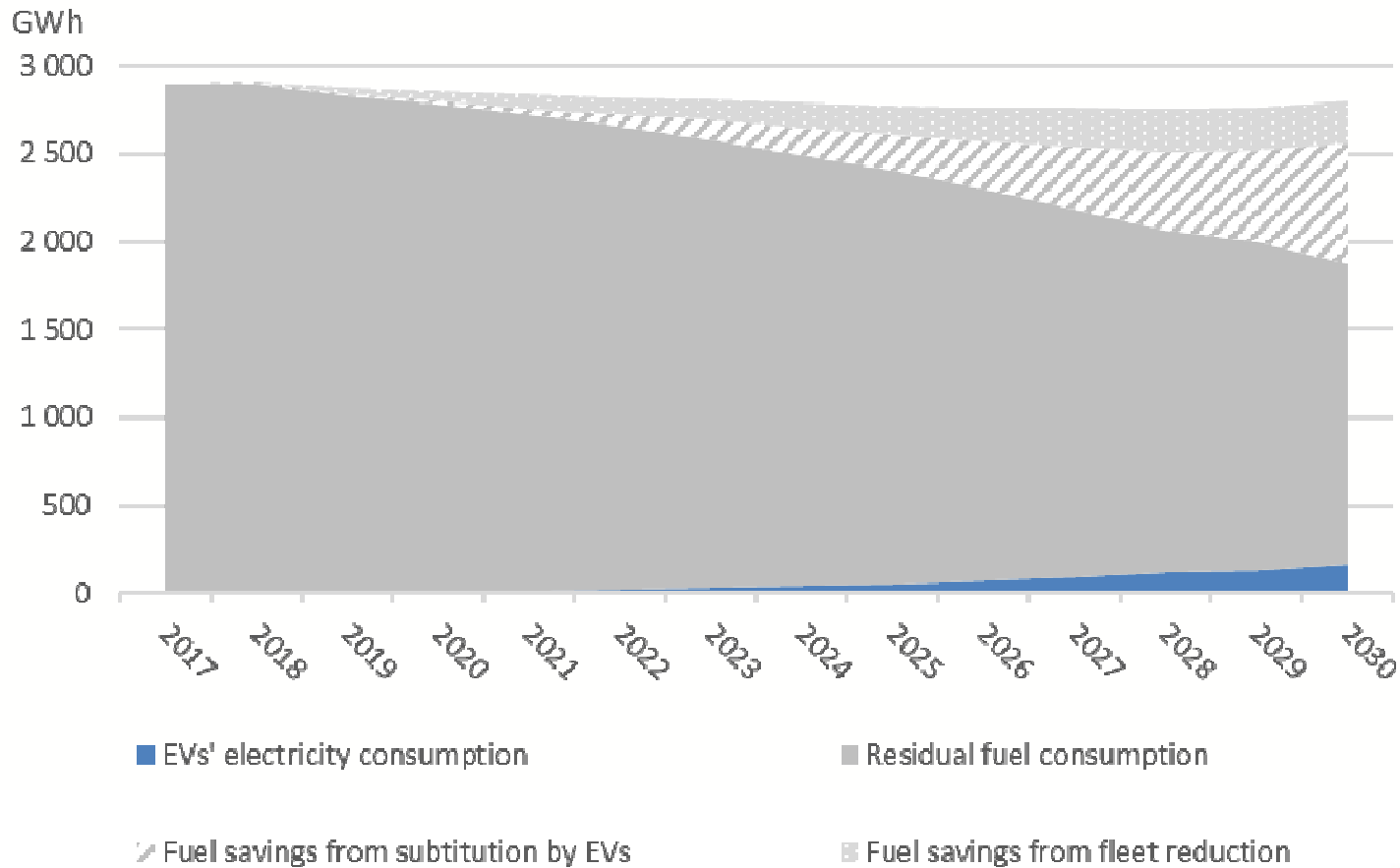
30% EV by 2030

Fleet transformation



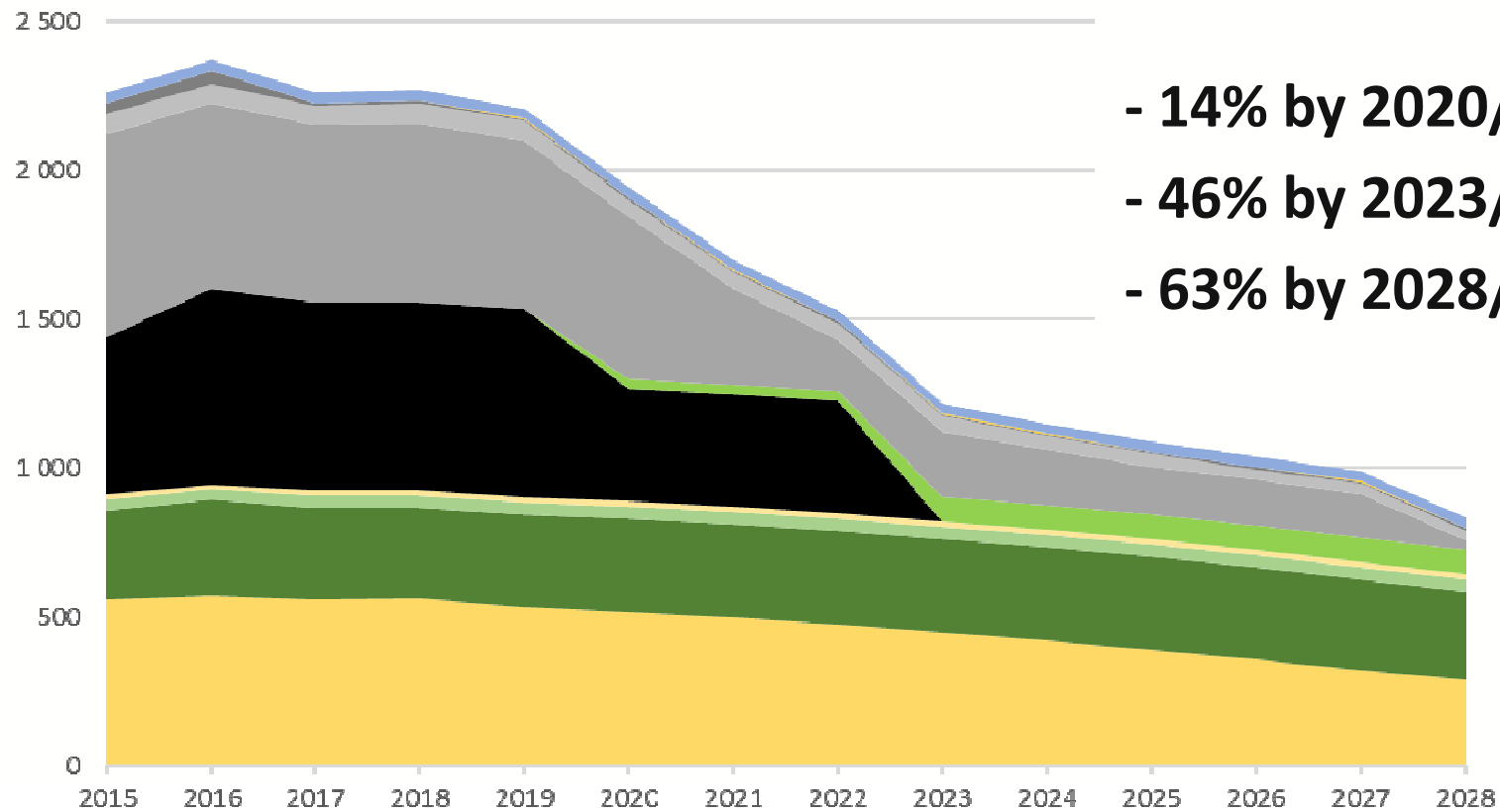
Evolution of energy consumption of transportation

Road transport energy consumption



Evolution of GHG emissions pathway

Evolution projetée des émissions énergétiques de GES en Guadeloupe par source d'émission (kteCO₂)



- 14% by 2020/2015
- 46% by 2023/2015
- 63% by 2028/2015

■ Diesel routier ■ Essence routier ■ Essence maritime ■ Diesel maritime
■ Charbon ■ Biomasse ■ Fioul lourd ■ Gazole (TAC)
■ FCD ■ Lampant ■ Butane





Thank you for your attention.

Merci de votre attention.

Focal points :



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