



Governo dos Açores



INNOVATION
sustainable islands' growth
INNOVATION
croissance durable des îles



The sustainable energy priority in Saint-Pierre-et-Miquelon

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OVERSEAS COUNTRIES
AND TERRITORIES
INNOVATION
PAYS ET TERRITOIRES
D'OUTRE-MER



ARCHIPEL
DÉVELOPPEMENT

5 AXES STRATÉGIQUES
70 MILLIONS D'EUROS
UNE CONSTRUCTION PARTICIPATIVE

AXE 1 : ATTRACTIVITÉ POUR LES INVESTISSEURS

- 4 ACTIONS -

AXE 5 : STRATÉGIE D'INNOVATION

- 4 ACTIONS -

AXE 2 : TOURISME DURABLE

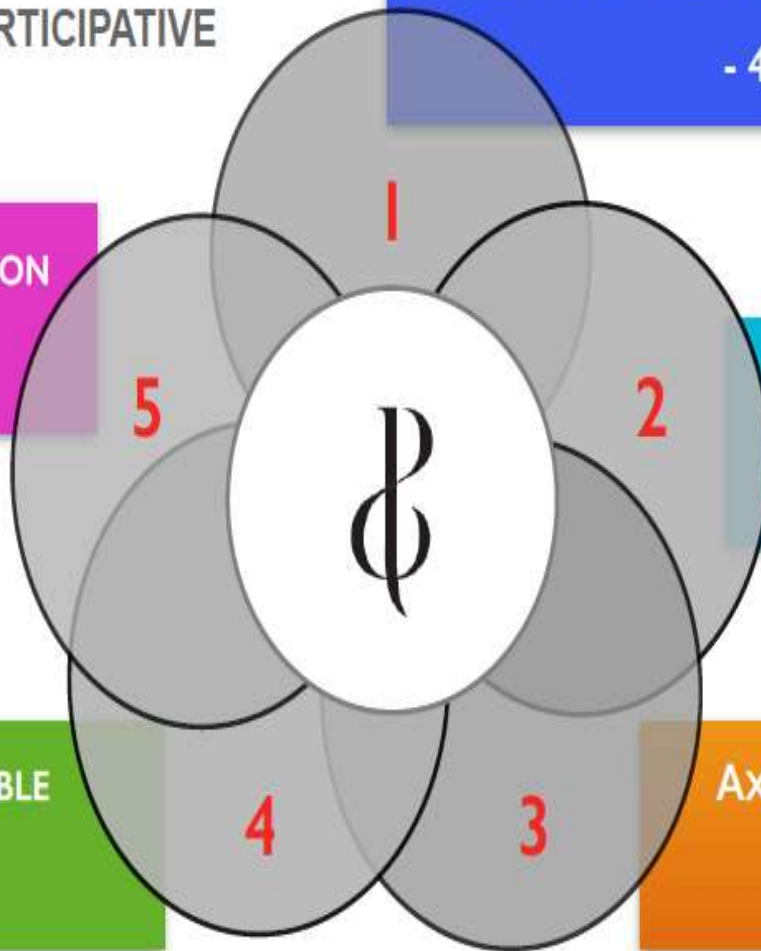
- 10 ACTIONS -

AXE 2 : ENERGIE DURABLE

- 4 ACTIONS -

AXE 3 : CULTURE & DÉVELOPPEMENT

- 6 ACTIONS -



An action Plan 2015-2020 built with a participative approach / the inclusion of the private sector

- 400 participations on 40 meetings for the initial Strategic Development Plan 2010-2030
- 30 meetings for this update with the 2020 detailed action plan
- The Chambre of Commerce seats in the Steering Committee
- A proposal for the Socio-Economic Council to seat in a technical committee



Next steps: more innovation!

- After 2 years of implementation of the SDP, reflexion on transversality and 2 Crosscutting issues : Sustainable Development and Innovation (axis 5)
- Meeting of all chief officers in June to stimulate innovation through a dedicated methodology:
 - 4 cross-thematic group of 5-6 officers
 - Will comment 1 action on axis 1, another one on axis 2... for the 4 SDP pillars to brainstorm innovative ideas and improve the Action Fiches.
 - For restitution: Chiefs officers of a same thematic/axis will be gathered to make the presentation of the result to their colleagues
- With private sector
 - Talks with students/young professionals and entrepreneurs: « Les Jeudis à venir »
 - Creation of club des Ambassadeurs, including local leaders

Operational actions of Strategic Development Plan 2015-2020

Objective: Decrease by 30% fuel imports (23,4 tons/year in 2015)

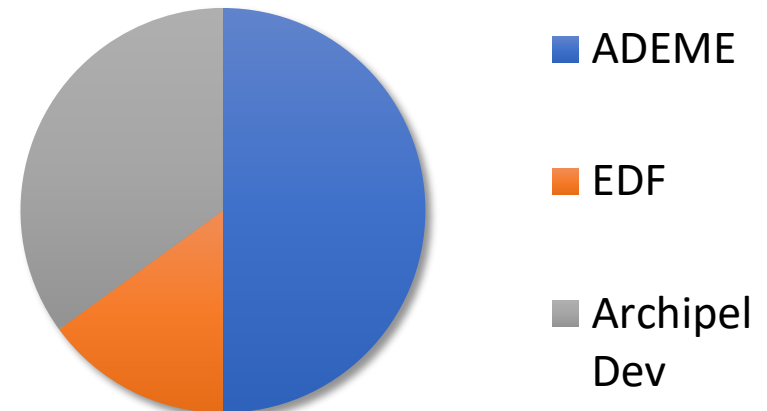
SDS	Actions
Axe 4 Move towards sustainable energy	FA 4.1 Implement the heating network project
	FA 4.2 Create the Energy Contact Point
	FA 4.3 Experiment further renewable energies
	FA 4.4 Promote sustainable construction through trainings

4.1 The Heating Network

- A mature technology for the first Overseas network
- New fuel plant inaugurated end of 2015 by EDF: decrease of CO2 emissions by 1 ton/inhabitant/yr
- Opportunity to further reduce GHG by heating public buildings with water heated at 100° C (using lost energy in electricity production): - 5000 tons of CO2 for Saint-Pierre



Investment of 14 M euros



4.2 Create the Energy Contact Point

- A tool to promote sustainable energy through :
 - Individual thermic diagnosis
 - Information on available technologies for citizens, administrations and enterprises
 - Promotion of incentives to adopt sustainable energy solutions (some initiatives already in place: isolation, replacement of water heaters ..)
- Process of recruitment of 1 full time professional
- Budget of 120Keuros/yr

4.3 Experiment further renewable energies

- Failure with 10 wind turbines of 60kW in Miquelon (600 inhabitants, peak of 1,8MW/day)
- Failure of 2012 referendum for wind turbines in Saint-Pierre (20 sq km, spatial planning issues)
 - Today, renewable energies are used mostly for secondary houses



4.3 Renewable energies

- ❖ Early 2017 : New partnership with municipalities & CEA (National agency for Atomic and Renewable Energies), inclusion of EDF
- ❖ 1st objective: use data to develop models /scenarios in 2017
- ❖ Strategic focus on Miquelon for excellency approach thanks to storage technology?
- ❖ Waste to be used to expand heating network potential?
- ❖ Innovative EnR such as marine turbines?



4.4 Promote sustainable through trainings

- Environmental issues with efficiency of heating (winters with 0 to -15° with strong oceanic winds)
- Socio-economic issues with decrease of public buildings affecting a large workforce (9% of GDP)
- Opportunity to raise construction standards at an excellency level compared to regional standards (combining EU/canadian materials)
- Definition and implementation of actions with local stakeholders, private sector
- Trainings starting end of 2017

Next steps

- Brainstorm new sustainable development ideas into the actions of the strategic development plan
- Feed in the 2018-2022 Pluriannual Plan for Energy (French State)

Thank you for your attention!

