

Press breakfast
Residence of H.E. the Minister of State
Tuesday 29 January 2019

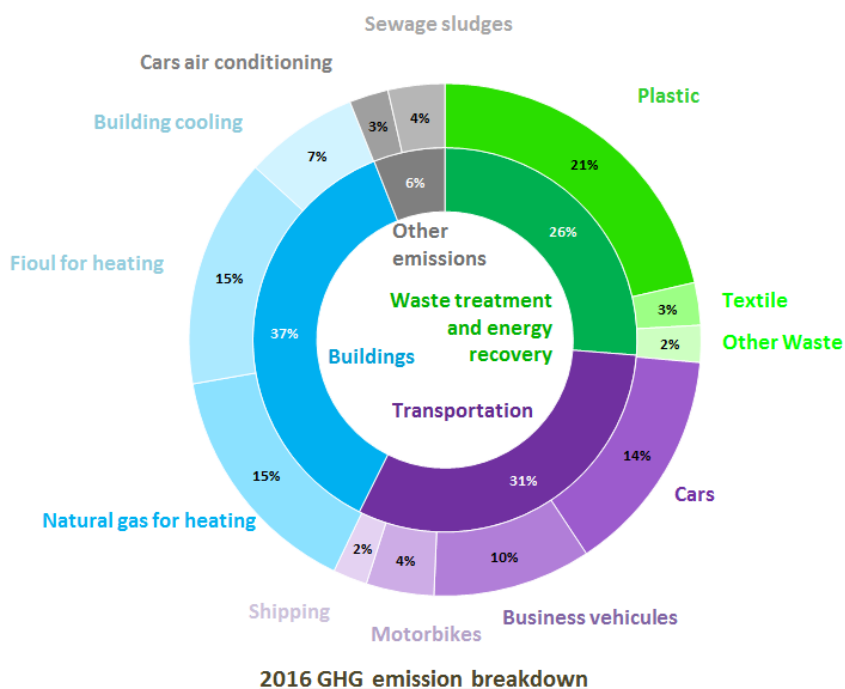
The energy transition in the Principality

The Mission for Energy Transition is a facilitator and accelerator for the transition.

Role: to work with all public and private stakeholders in the Principality as a technical or financial partner, or a conduit for their actions, in order to maintain and drive momentum.

Objective: achieve the target set by H.S.H. Prince Albert II of a carbon-free Principality by 2050 in order to pass on a sustainable planet to our children.

Levers: pool efforts and expertise for the benefit of the Monegasque community, its standard of living, its dynamic economy and its health.



Focus on sources of emissions in the Principality. Source: UNFCCC Inventory 2016

Waste, transport and energy consumption by buildings are the three major sources of emissions, each accounting for broadly similar levels. But did you know that:

- Incineration of plastic waste is the leading source of greenhouse gas emissions?
- Private cars account for almost half of transport-related emissions?
- Fuel oil is still used to heat around 50 of our buildings?

The Prince's Government is taking action on these issues.

A TRANSITION WELL UNDERWAY

The Government has launched specific projects to reduce greenhouse gas emissions in the three most polluting sectors and to consume energy from renewable sources.

A few highlights for illustrative purposes:

I. Special scheme to promote electric transport

In the field of electric transport, the Prince's Government is pursuing an incentive policy.

- The Government has granted a subsidy to help purchase electric vehicles since 1994
- Electric vehicles also benefit from free charging in public car parks, a discount on car park season tickets, and a free annual car registration sticker

In 2017, there were **1,603 electric vehicles** in Monaco (785 electric vehicles and 818 hybrid and plug-in hybrid vehicles), accounting for 3.59% of all vehicles in the country. In 2018, the Government subsidised purchases of nearly 400 hybrid or electric vehicles.

Around **560 public charging points** have already been installed in public car parks in Monaco. All are free to use. There are also 15 fast charging points on public roads. In addition, the Principality has a fully electric car sharing scheme launched in 2014: Mobe.e.

In **2019**, the latest version of the scheme set the amount of subsidy available for electric vehicles at **30% of the purchase price including taxes**, capped at €10,000 for cars and €400 for electric bikes.

Electric transport offers substantial benefits in terms of air quality and noise pollution.

II. Reducing our plastic waste: a clearly expressed political priority

Waste sorting is set to increase as a result of the introduction, in 2018, of a comprehensive and stronger system of:

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- regulation (it is now mandatory to have an area for waste sorting, and existing areas must be brought up to standard)
- support measures (digital collection, roll-out of static and dynamic weighing devices, simplification of sorting instructions, provision of free sorting bins, etc.)
- communication campaigns led by SMA's new waste sorting ambassadors

Reducing our waste at source is a critical task, and our efforts here are focused on **plastics**, which account for 11% of waste by weight but **80% of the greenhouse gases produced by incineration**. They are also responsible for 75% of marine pollution in the form of microplastics.

The distribution and sale of single-use plastic checkout bags have been banned in the Principality since 1 June 2016.

A ban on plastic straws and mixers came into effect on 1 January 2019. From **1 January 2020, the ban will be extended to plastic cutlery**. The Department of the Environment is working with retailers and restaurant owners on this issue. Together with the Mission for Energy Transition, it will be holding meetings in March with committed restaurant owners and retailers and responsible patrons in order to promote new solutions.

If less plastic is bought, then there will be less to incinerate. This offers immediate benefits in terms of greenhouse gas emissions and air quality in the Principality, and also results in a reduced source of marine pollution.

III. Increasingly energy-efficient buildings

The new energy regulations (July 2018) include provisions covering:

- an end to the use of fuel oil in 2022
- an energy performance certification specific to Monaco (OTIMU)
- an obligation to carry out audits of all buildings by 2022

In parallel with these regulations, Bâtiments Durables Méditerranéens de Monaco (BD2M, Sustainable Mediterranean Buildings of Monaco), launched on 23 October last year, aims to support the construction industry by promoting the sharing of best practice.

In 2019, we will step up the introduction of energy efficiency tools: The Mission for Energy Transition and the Department of Forward Studies, Urban Planning and Mobility are supporting the launch of energy audits (with 75% subsidies for audits beginning in 2019). It should be noted that an explanatory meeting for building managers will be held about this issue on 7 February. 2019 will also see the launch of exemplary public construction projects, with the

renovation of Herculis and start of work on the Carmelha wooden structure.
The first BD2M workshop will be held on 12 February. Its aim will be to reach a joint definition of the framework for Monaco.

More energy-efficient buildings mean fewer greenhouse gas emissions from fuel oil or gas and improved air quality.

IV. Developing our renewable energy sources: sun and sea

Solar: make use of a comprehensive set of measures (solar resource map, state subsidies, energy regulation, etc.) to achieve a share of 5–10% of Monaco's energy consumption.

Ocean thermal energy loops: this is about capitalising on Monegasque expertise (one loop is in operation in Fontvieille; there are 80 seawater heat pumps in the Principality).

2019 will see the conclusion of ambitious solar projects and the acceleration of loop projects:

- 2 solar power plants are currently being installed on the roofs of the Grimaldi Forum and the Monte-Carlo Bay

- 2 new ocean thermal energy networks are being developed in Condamine and Larvotto
2019 will also see further investment by the company M.E.R. in renewable power stations outside Monaco as a move towards achieving a 100% renewables-based electricity supply.

Promoting renewable energy will reduce our greenhouse gas emissions and improve air quality.

The banning of heavy fuel oil for cruise ships (from summer 2018) and fuel oil in old buildings (in 2022) are part of this deliberate policy to improve air quality. To see how effective the measures being taken are, members of the public can check air quality indicators in real time on a daily basis (www.gouv.mc).

In 2019, new environmental sensors will be deployed to measure air quality, noise, weather conditions, etc. The Department of the Environment and the Department of Urban Amenities will shortly be making announcements about this project.

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COLLECTIVE MOBILISATION IS ESSENTIAL

It will only be possible to achieve our carbon objectives if the entire Monegasque community gets involved and makes a contribution. The Mission for Energy Transition is coordinating and leading the initiative, mobilising both public and private stakeholders through the National Pact: it is the facilitator behind the energy transition.

The National Pact now has nearly 600 signatories: more than 500 individuals and almost 100 companies have signed up including, most recently, the Société des Bains de Mer, on 25 January, and the Théâtre Princesse Grace, on 29 January. But we need to go further still...

The Mission for Energy Transition's latest initiatives:

- For the younger generation:
Energy transition workshops in spring 2019 for Year 6 (7^{ème}) and Year 7 (6^{ème}) pupils, in partnership with the Department of Education, Youth and Sport
- For residents and commuters:
 - District-level meetings, starting in spring 2019, with our partners (teams from the Ministry of Public Works, the Environment and Urban Development, SMA, SMEG, Stars'n'Bars, Oceanographic Museum, Monaco City Hall, etc.)
 - Public meetings to coincide with events: Théâtre Princesse Grace on 15 January, municipal departments in January and February, Monaco Ocean Week in March, etc.
- For companies:
 - Meetings with members of the Monaco Economic Board last July, with the Club des Résidents Etrangers de Monaco (CREM, Monaco Foreign Residents' Club) in October, with the Monaco Rotary Club and the Junior Chamber International in November, with the Women Entrepreneurs' Group this February, etc.
 - Themed workshop on waste sorting with the hotel sector this March

To strengthen this momentum, we invite you to join us:

On Thursday 29 March for the Annual Energy Transition Conference.

The Mission for Energy Transition will also be holding quarterly "Energy Transition Meetings" for the press to share updates on progress and the actions taken by public and private stakeholders.

Each meeting will highlight the individuals and organisations committing to the energy transition and the actions being taken.

For full details, see: <https://transition-energetique.gouv.mc>

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