



THE ENVIRONMENT
in the Principality of Monaco

2013



Gouvernement Princier
PRINCIPAUTÉ DE MONACO

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Preface

The year 2013, declared International Year of Water Cooperation by the United Nations, was the occasion for HSH Prince Albert II to honour of His presence multiple initiatives across the world.

As Head of State and President of the Prince Albert II of Monaco Foundation, the Sovereign continued throughout the year His steadfast commitment to the environment and sustainable development.

Whether in Marseille for the 40th edition of the CIESM Congress, at the University of Louvain in Belgium, or in Tangier at the 5th Meeting of the Parties at ACCOBAMS, HSH Prince Albert II continued to spread the “message of Monaco”, initiated in 2012, in favour of a sustainable management of the oceans and the seas.

In 2013, the Sovereign was keen to travel to the Republic of Palau, with HSH Princess Charlene, and meet the highest state officials to discuss important issues such as the preservation of biodiversity, the protection awareness of endangered animal species, or the conservation of protected areas such as marine areas and coral reefs.

The Sovereign also addressed topics related to environmental protection during His trips to Israel and Brazil.

Finally, during the official visit of the French President in the Principality, agreements on environmental issues have been signed between these two countries, in presence of François Hollande and HSH Prince Albert II.



Involving the Monegasque community

The policy of the Government of the Principality in favour of sustainable development relies on the commitment and involvement of the Monegasque Community, and the different stakeholders in the private and voluntary sectors.

The Government's environmentally friendly approach

Since 2009, the Government of Monaco has been working to implement an environmentally friendly approach, deploying a network of contact people representing all the State's departments. This approach involves including environmental concerns into all of its activities and aims to set the example by:

- increasing awareness and providing training programmes on sustainable development for State employees;
- A procurement policy of favouring environmentally friendly products;
- Reducing the use of water, energy, paper;
- Optimising waste management;
- Improving asset management of both existing and future buildings;
- Improving business travel management;
- Reducing the carbon footprint of its activities.

Implementing the environmentally friendly action plan has in particular led to the inclusion of environmental recommendations on the use of ecolabelled products in maintenance service market for public

The Government offsets its greenhouse gas emissions

Parallel to the reduction actions implemented as part of its eco-friendly policy, the Government offsets its Greenhouse Gas emissions for business travel.

This offsetting is managed through the Prince Albert II of Monaco Foundation's "MCO₂ Monaco Carbon Offsetting" programme.

The carbon credits are assigned to concrete projects with the label VCS "Verified Carbon Standard". This label is the guarantee of positive socio-economic and environmental outcomes for the project beneficiaries.



buildings, building a range of ecologically designed offices that meet the ISO 14001 standard and offering a wide range of green products.

Performance indicators of this environmentally-friendly approach reflect the efforts:

- In 2012, ecolabelled products represented 31% of supplies purchased by the Government;
- The annual power consumption per Government employee has fallen by 20% between 2011 and 2012;
- The Government's annual water consumption dropped by 2.2% between 2011 and 2012;

Since 1 January 2013, all restaurants in public or private schools, after-school centres, health and care centres are required to provide meals in which at least 10% of produce originates from organic agriculture. This proportion will increase to 20% in 2015.

In order to assess the impact of its actions and develop a carbon strategy, the Department of the Environment will reassess its Greenhouse Gas Balance across all the Government of Monaco's activities.

Alongside the reduction actions implemented by all departments since 2012, the Government offsets



An environmentally responsible government

The Government's electricity consumption decreased by almost 20% between 2011 and 2012. This figure was announced at the meeting of staff responsible for ecological issues in the different departments organised in October 2013. The drop in the Government's water and energy use is also particularly encouraging. The staff responsible for ecological issues are playing a decisive role in this consideration, as evidenced by the rising number of ecological products purchased across the entire Government.

14th Jeunelec

Organized by the Monaco Club of Electric Vehicles in collaboration with the Department of Education, Youth and Sports and the Department of the Environment, Jeun'Elec aims to build awareness of Year 10 pupils (14 year olds) in Monaco about the pollution problem caused by urban road transport the solutions for reducing it.

After watching a film, adolescents took part in a debate on alternative transport methods and electric vehicles. They also took part in a contest to design a logo and a slogan to encourage electric mobility. On 7 February, pupils were allowed to test electric bikes, scooters, cars, and karts and were given an introduction to Road Safety by the Department of Public Safety.

As part of the Ever exhibition, HSH Prince Albert II presented the awards to the winners including an electric scooter decorated with the winning logo.



The private sector

The State's action must be extended to the different stakeholders in the Monegasque community.

The involvement of the private sector must be highlighted with, for example, the commitment of the Grimaldi Forum which has implemented a management system aimed at reducing the impact of its events on the environment. The Grimaldi Forum Monaco is one of the first convention centres in Europe to obtain the ISO 14001 certification for its environmental management system: this includes natural thermal insulation, use of sea water for air conditioning and heating, sorting and recycling waste, low energy lighting, use of ecolabel products and service providers that use environmentally sensitive practices.

The voluntary sector is also active with around a dozen organisations currently developing action programmes. These organisations meet each year, in early June, as part of the environment awareness week: The "Monacology", event organised for children in Monaco.

Green and sustainable events

This high level of involvement is also reflected in the many events that mark the life of the Principality throughout the year, especially with respect to electric mobility:

- The EVER exhibition for electric vehicles;
- Jeun'Elec, an event that educates secondary school pupils about the environment and electric vehicles;
- The Monte Carlo Rally of New Energies organised by the Automobile Club of Monaco and limited to vehicles emitting less than 115g/CO₂/km;
- The Monegasque company VENTURI, which has demonstrated the reliability of the electric engine over several expeditions without assistance on the Asian and African continents, but also by taking part in several challenges with vehicles powered by the company;
- The European Mobility Week, which takes place in the Principality each year in September.

Many scientific bodies are based in the territory of Monaco, and partnerships are created regularly, especially for joint awareness building campaigns

emissions generated from business travel, through the voluntary offsetting program "MCO₂ Monaco Carbon Offsetting" set up by the Prince Albert II of Monaco Foundation.

As for preserving biodiversity and natural resources, the Government, in association with the campaign "Monaco takes action against deforestation" initiated by the Prince Albert II of Monaco Foundation, encourages the use of certified wood in new construction projects, and for any commercial activity using wood, and also promotes this sector within the Government.

As the first administrative department of the Government to obtain the dual certification ISO 9001 "Quality" and 14001 "Environmen", the Public Car Parks Office meets the many requirements of both standards and is fully in line with the Government expectations: to move towards a modern, effective government, which respects its environment. Furthermore, in order to further the process of continuous improvement, the Department of the Environment also committed in 2013 to an ISO 14001 certification process aimed at managing and reducing the environmental impact of its activities.



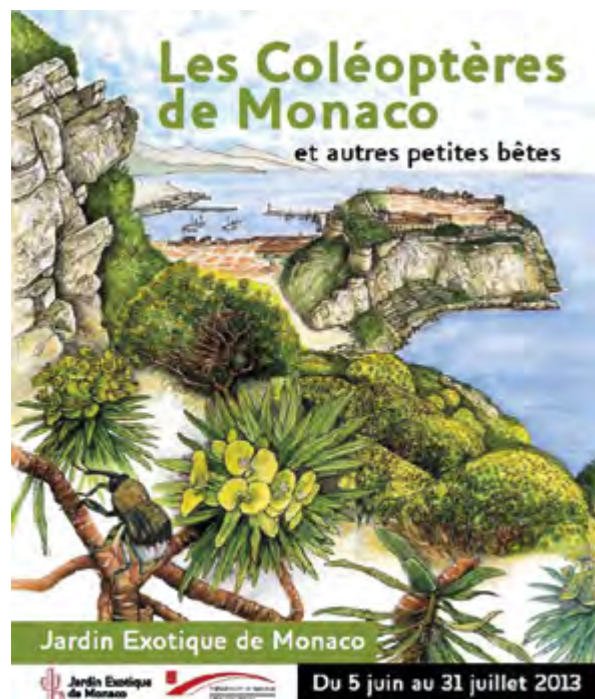
European mobility week

The Department of the Environment, in partnership with the Electric Vehicle Club, Monaco Sustainable Development (MC2D) and Monaco City Council, took part in the European Mobility Week from 16 to 22 September.

This 12th event, on the theme of improving the journey to work, covered the various types of mobility: Bikes, buses, walking, carpooling, electric vehicles, through several campaigns such as:

- Free buses during the public transport day.
- Tests in Electric vehicles.
- The white-collar e-bike trail.
- An awareness building game on sustainable mobility.
- Sunday on bicycles.
- A show of acrobatic bicycles.





Entomofauna inventory

As part of the biodiversity inventories carried out by the Department of the Environment on the territory of Monaco, the inventory of entomofauna (insects) resulted in a summer exhibition with the support of the Jardin Exotique and the Monaco City Council. This was the opportunity to present to the public the unique collection of Coleoptera (beetles) and Heteroptera identified in Monaco, which include a specimen of Curculionidae cavernicole, the 1st insect to be discovered in Monaco which gave it the right to be named *Otiorrhynchus (Lixorrhynchus) monoecirupis n.sp.* and have its own stamp issued by the Stamp Issuing Office



(awareness building brochure on algae and jellyfish, World Oceans Day, Biodiversity Day).

Throughout the year, the association, MC2D holds debates: "Green Thursdays", on sustainable development issues.

Finally, through His foundation, HSH Prince Albert II rewards the celebrities, and young scientists for their exemplary actions and their work to encourage the Environment and Sustainable Development over the Foundation's 3 priority action areas: climate change, biodiversity and water.

The voluntary sector

The voluntary sector in Monaco is also involved in actions to encourage environmental protection, mobility and ecological friendly behaviour. This dynamism in the voluntary sector reflects a growing collective awareness.

• Association Découverte Nature

Adress : 40, quai Jean-Charles Rey
Tel : 92 05 21 34 - www.insectomania.org

• Club des Véhicules Électriques de Monaco

Adress : Patio Palace, 41, avenue Hector Otto
Tel : 97 77 54 21 - www.amave.mc

• Association Monégasque pour les Amoureux de la Mer Méditerranée

Adress : Local A.M.A.M.M., Esplanade du Larvotto
Tel : 06.78.63.03.85
E-mail : pierrefrolla@pierrefrolla.com

• Association Monégasque pour la Protection de la Nature

Adress : 14, quai Antoine 1^{er}, Le Ruscino
Tel : 92.05.61.70 - www.ampn-asso.mc

• École bleue, Académie Monégasque de la Mer

Adress : Local AMAMM, Esplanade du Larvotto, Avenue Princesse Grace
Tel : 06.78.63.03.85
www.ecolebleue-monaco.com

• Ecopolis

Adress : 1, avenue des Guelfes
Tel : 92.05.64.48

• MC H₂O

Adress : 25 bis, boulevard Albert 1^{er}

• MC2D Monaco Développement Durable

Adress : Le Patio Palace, 41, Avenue Hector Otto
Tel : 97.77.54.21 - www.mc2d.org

• Monacelec

Adress : 1, avenue des Guelfes

• The International Seakeepers Society (Monaco) – Association Internationale pour la Sauvegarde des Océans :

Adress : 7, avenue du Président J F Kennedy

The calendar of environmental events:

Days

- 22 March: World Water Day;
- 23 March: Earth Hour;
- 1st week of April: Sustainable Development Week;
- 22 May International Day for Biological Diversity;
- 5 June International Environment Day;
- 8 June World Oceans Day;
- In June: Monacoology;
- In September European Mobility Week.

Years

- 2013 : International Year of Water Cooperation.
- 2014 : International Year of Small Island Developing States.
- 2015 : International Year of Soils

Guide to responsible purchasing. Promote sustainable purchasing...

The shopping guide is fully in line with the Government's ecologically responsible policy, which has a duty to be exemplary. Designed in the form of 10 factsheets, this guide is a living tool aimed to disseminate good practices across all departments.

Discover this guide on www.gouv.mc/a-modern-State/eco-responsibility-of-the-Administration/Publications





Sustainable food guide. Eat more sustainably everyday ...

This eco-guide is designed to help all those wanting to be more responsible in their purchases of daily food, giving them ideas for buying food more responsibly. It also gives a calendar of seasonal products and a list of sustainable food labels.

Discover the guide on www.gouv.mc / Un État moderne / l'éco-responsabilité de l'Administration / Publications

ACCOBAMS : Agreement on the Conservation of Cetaceans of the Mediterranean and the Black Sea and the contiguous Atlantic Area

ACCOBAMS Permanent Secretariat

Jardin de l'UNESCO, Les Terrasses de Fontvieille,
MC 98000 Monaco

Tel : 98 98 80 10 / 20 78 / Fax : 98 98 42 08

www.accobams.org

Monaco has ratified many international conventions and agreements relating to the preservation of the environment and sustainable development such as:

- The United Nations Framework Convention on Climate Change;
- The Convention on Biological Diversity;
- The Washington Convention (CITES);
- The Barcelona Convention;
- The Alpine Convention;
- The RAMOGE agreement;
- The PELAGOS Sanctuary;
- Agreement on the Conservation of Cetaceans of the Mediterranean and the Black Sea and the contiguous Atlantic Area (ACCOBAMS).



An organic law in Monaco

Since 1 January 2013, all canteens in public or private schools, after-school centres, health and care centres in the Principality are required to provide meals in which at least 10% of produce originates from organic agriculture. This percentage will increase to 20% in 2015.

Some useful contact details

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3, Avenue de Fontvieille, MC 98013 Monaco
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Prince Albert II of Monaco Foundation

Villa Girasole
16, Boulevard de Suisse, 98000 Monaco
Tél : 98.98.44.44 / Fax : 98.98.44.45
www.fpa2.com

CSM : Centre Scientifique de Monaco

Secrétariat général
Villa les Pins, Bloc C,
7, rue Honoré Labande, MC 98000 Monaco
Tél : 98 98 86 60
www.centrescientifique.mc

CIESM : Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée

Villa Girasole,
16, Boulevard de Suisse, MC 98000 Monaco,
Tel : 93.30. 38.79
www.ciesm.org

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Avenue Saint-Martin, MC 98000 Monaco
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RAMOGE agreement

Secretariat of the RAMOGE agreement
3 Avenue de Fontvieille, 98000 Monaco
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www.ramoge.org





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