

Annual Energy Transition Conference  
PRESS KIT

***THE ENERGY TRANSITION: IT'S UP TO ME***

***Friday 29 March 2019, Yacht Club de Monaco***

---

***THE ENERGY TRANSITION IN THE PRINCIPALITY: BACKGROUND***

1

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

As a reminder, waste, transport and energy consumption by buildings are the three major sources of emissions, each accounting for broadly similar levels.

- 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 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.

Here are a few highlights for illustrative purposes:

***I. A 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

Today, in 2019, there are **nearly 2,000 electric vehicles** in Monaco. The Government has subsidised purchases of just under 400 hybrid or electric vehicles.

Around **620 public charging points** have already been installed in public car parks in Monaco. All are free to use. There are also 20 or so 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:

- 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 (12,000 *Mag du Tri* magazines were recently sent to residents by post).

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 stirrers 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 is holding meetings 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

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 and 2020).

It should be noted that an explanatory meeting for building managers on this issue was held on 7 February.

2019 will also see the launch of exemplary public construction projects, with the start of work on the Carmelha wooden structure.

The first two BD2M workshops were held on 12 February and 14 March. The aim of these workshops is to reach a joint definition of the framework for Monaco.

3

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](http://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.

### 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 upcoming initiatives:*

✓ For the younger generation:

Energy transition workshops in spring 2019 for Year 6 (7<sup>ème</sup>) and Year 7 (6<sup>ème</sup>) pupils, in partnership with the Department of Education, Youth and Sport.

✓ For residents and commuters:

- District-level meetings 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, municipal departments, Monaco Ocean Week and Energy Transition Workshops, etc.

✓ For companies:

- Meetings with members of the Monaco Economic Board, the Club des Résidents Etrangers de Monaco (CREM, Monaco Foreign Residents' Club), the Monaco Rotary Club, the Junior Chamber International, the Women Entrepreneurs' Group, etc.

- Themed workshop on waste sorting with the hotel sector.

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>*

# THE NATIONAL PACT: REVIEW AND PROSPECTS

## *I. Background...*

The Pact celebrated its first anniversary on 19 January this year. Its creation followed on from the White Paper in a bid to mobilise the Monegasque community in support of the energy transition over the long term. It involves signing up to a charter and committing to a series of concrete actions covering transport, waste and energy.

The Pact is an inclusive initiative: anyone in Monaco can sign it, from businesses to associations, institutions and residents, as well as professionals and students.

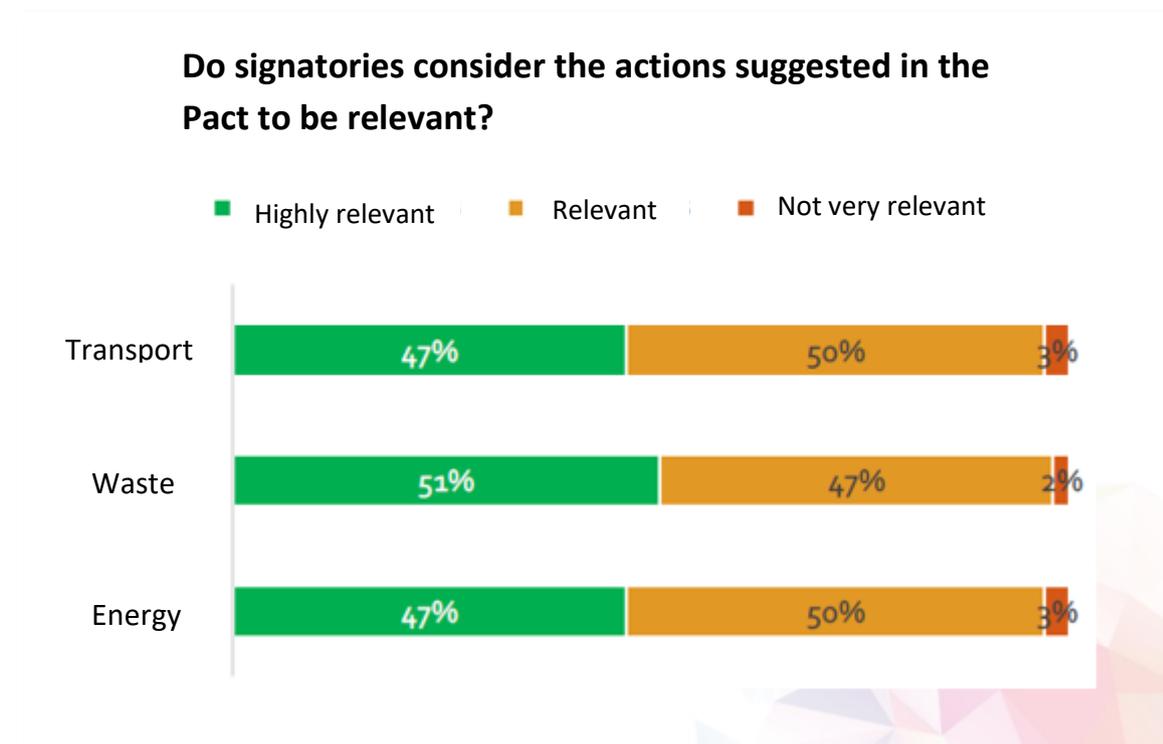
A few figures about the National Pact:

- 714 signatories across all categories (this includes 640 individuals)
- 16 events in 2018
- More than 50 events planned in 2019
- 1 in 2 signatories heard about the Pact through their company; a quarter found out about it via a Mission for Energy Transition event

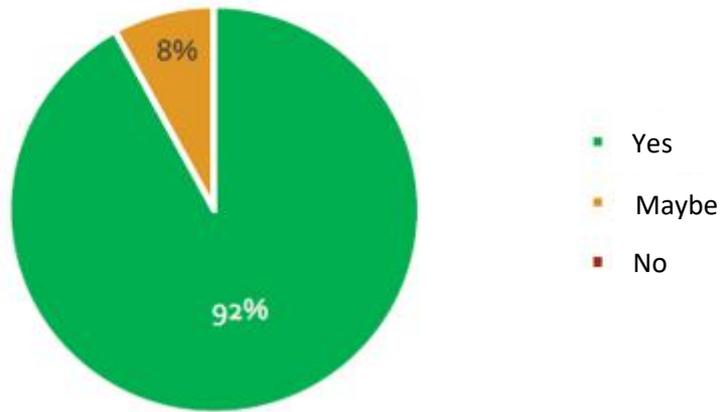
## *II. A review of the National Pact*

An initial annual review of the Pact was carried out at the beginning of the year in the form of a survey of signatories.

The survey highlighted the following facts:



**Would signatories recommend that other individuals and professionals in their circle sign up to the Pact?**



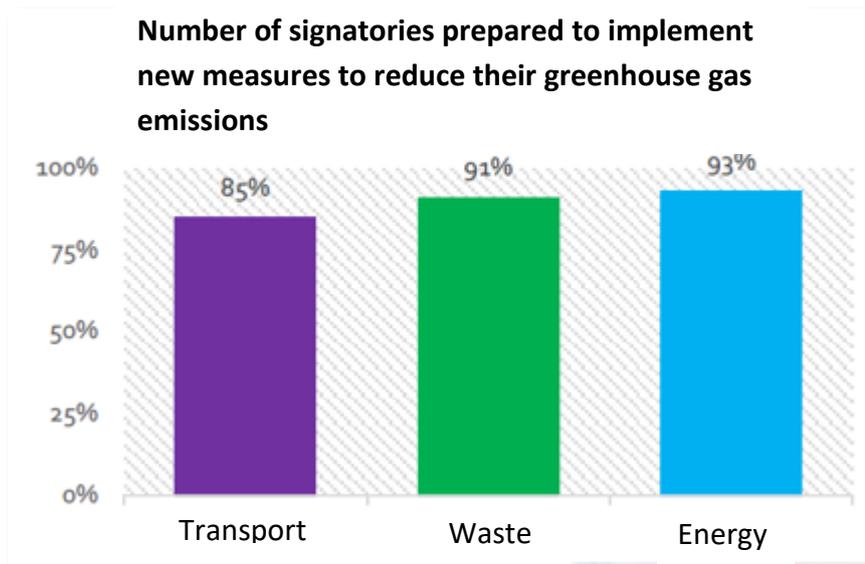
Among individual signatories, two thirds are resident in Monaco; the rest work or study in the Principality.

***III. Has the Pact been translated into action?***

At the time the survey was carried out, signatories had already completed an average of 84–96% of the actions they committed to when signing up to the Pact. This is a great result considering that many of them signed the Pact less than a year earlier.

Businesses and associations took less action before signing the Pact, and many of them signed up to new commitments and had more room for improvement.

The vast majority of respondents said that they were prepared to implement new measures to reduce their greenhouse gas emissions across the three priority areas. The Mission for Energy Transition will shortly be offering some suggestions.



**IV. Survey conclusions:**

- The first signatories were primarily the “converted”, i.e. those who were already doing many of the things in the Pact. Nevertheless, respondents said that they followed their best practices more systematically, rather than just occasionally.
- The initiative remains too theoretical: some respondents found the initiative too theoretical and asked for more communication and education about the best practices that should be introduced in the Principality.
- The right conditions are needed to enable action: another expectation to note is that Monaco enjoys the best possible conditions to facilitate action (the increase in electric charging points and waste sorting bins in buildings).

**V. Prospects for 2019...**

- A Level 2 Pact! Based on the results of this survey, a more ambitious Pact will be developed, although the current Pact will still be available for those who are just getting started.
- Pact Strategic Committee: the Mission for Energy Transition will set up a Pact Strategic Committee which, in the spirit of the White Paper, will bring together signatories of the Pact representing key stakeholders in Monaco on a regular basis. The role of the committee will be to support and provide back-up to the Mission for Energy Transition in mobilising all elements of the Monegasque community.
- District-level events will be organised starting in May, aimed at the general public, to provide more information on the energy transition.
- Partnership with Radio Ethic: the Mission for Energy Transition is also delighted to announce the launch of a show on Radio Ethic, *The Energy Transition: It’s Up to Me*. The programme will feature individual signatories of the Pact sharing their

environmental best practices, challenges and ideas with listeners. Several interviews are already available on the Radio Ethic website.

- The launch of challenges, workshops and tools to encourage people to take action.



## **JULIEN VIDAL**

Julien Vidal is our guest of honour for this evening.

Having tested and adopted more than 365 specific eco-friendly actions as part of his daily life (<https://julienvidal6.wixsite.com/itallstartswithme>), Julien Vidal, the author of *Ça commence par moi, soyons le changement que nous voulons voir dans le monde* (*It All Starts With Me: Let's Be the Change We Want to See in the World*) describes his experience and tells his story to prove that there are already accessible, concrete and commendable solutions available that will help us to build a better world every day. These include a responsible approach to food, a meaningful job, zero waste, soft mobility, sustainable tourism, a low-tech lifestyle, etc.

His website lists more than 400 ways to join in the energy transition: more than 400 options to help people start to take action in accordance with their talents, availability and resources.

*For more information, see:*

<https://www.cacomenceparmoi.org/je-desactive-les-onglets-inactif>

<https://www.facebook.com/cacomenceparmoi.org/>

<https://twitter.com/julienvidalccpm?lang=en>

<https://www.instagram.com/cacomenceparmoi/>

<https://itunes.apple.com/fr/podcast/ca-commence-par-nous/id1329501298?mt=2>

<https://www.cacomenceparmoi.org/abonnement>



As part of the Energy Transition Workshops series, the Mission for Energy Transition organised a workshop in partnership with Julien this afternoon, titled “*All Stakeholders in the Eco-Citizen Shift*”.

The aim was to raise awareness of what it means to be an eco-citizen. Focusing on the theme of changing behaviour at the individual level, the workshop invited Julien Vidal to share his eco-friendly practices and to get participants to commit to new “best” practices or new environmentally responsible actions.



## **WINNERS OF THE ENERGY TRANSITION PRIZES**

### **WINNER #1:**

Prize for best efforts to reduce greenhouse gas emissions: **SBM Offshore** for its teleworking initiative. Prize presented to the Director of SBM Offshore Monaco: **Didier Beynet**

SBM Offshore has more employees working from home than any other company in the Principality. This initiative helps to drastically cut greenhouse gas and pollutant emissions.

### **WINNER #2:**

Prize for most innovative participant: **Quentin Demé**, a young civil servant who travels to work from Roquebrune-Cap-Martin every day using an electric bike which he designed himself.

His bike recently passed the 30,000 kilometre mark, meaning that Quentin has prevented more than 4.3 tonnes of CO<sub>2</sub> emissions since he started using it.

### **WINNER #3**

Prize for best efforts on waste management: **La Maison Lino**

Prize presented to: **Alexandra Pugliese**

A small butcher's shop in La Condamine, La Maison Lino got creative and invested in fitting out a bin area, which allows them to sort and recycle their waste, and makes it easier for SMA to collect the waste bins.

La Maison Lino has also embarked on other environmental initiatives, including using local suppliers for their products, reducing packaging, etc.

---

The prizes awarded to the winners – olive trees made from scrap metal – were created by artist Joël Rebière (L'Olivier Forgé, <http://lolivierforge.unblog.fr>).

## **SPEECH BY H.S.H. PRINCE ALBERT II**

*Energy Transition Conference  
29 March 2019*

Minister of State,  
Minister,  
Your Excellencies,  
Presidents,  
Ladies and gentlemen, friends,

12

I'd first like to thank you all for coming, and for this day and the work that it represents.

I'm referring to the work done by our winners, of course.

I'm also talking about the work that has been carried out by all of the teams at the Mission for Energy Transition, under the authority of Marie-Pierre Gramaglia and the Government.

As you are aware, this work is critical.

I don't need to remind you how serious the situation is, or the degree of urgency we are facing.

You understand as well as I do that the dangers confronting our planet, its climate and its major equilibriums pose a threat to each of us.

You understand as well as I do that the impact of environmental damage will spare no one.

And you understand as well as I do that preventing, reducing and limiting this impact requires everyone's goodwill.

Bringing together all of our goodwill for the sake of our shared future has been the guiding force behind the Principality of Monaco's commitment for decades, in all international fora where environmental issues are discussed.

It is also what guides the actions carried out every day by my Foundation across all continents.

And above all it is what guides the initiatives of my Government.

For example, I am thinking of the initiative which began with the White Paper two years ago, then continued with the roll-out of a policy covering the three main sectors responsible for emissions: plastic waste, transport and construction.

I'm thinking of the National Energy Transition Pact. You've just heard a review of the Pact and it has established a great link between state action and collective mobilisation.

Finally, I'm thinking of the arrival of Annabelle Jaeger-Seydoux, who joined us a few months ago to lead the Mission for Energy Transition under Marie-Pierre Gramaglia, having previously chaired the French branch of my Foundation.

But to bring together goodwill for the sake of our shared future, we must of course reach beyond international bodies, beyond government decisions, beyond all of these projects we are undertaking.

We must involve everyone, as we are doing today.

We must identify, suggest and promote concrete, shared solutions, like those put forward by the winners that we have just honoured.

Above all, we must remind everyone that we all have a say, that we are all responsible for our fate, and that we all have a role to play: it's up to us, as the title of this event reminds us.

And, each working at our own level, we need to reconsider everything we do.

With this in mind, I would like to say a few words about the digital transition, which is another major project being implemented by my Government. It converges with the energy transition in many ways.

I'm thinking of digital tools, which help to promote ways of getting around that produce fewer greenhouse gas emissions, more energy-efficient buildings, and more effective waste collection, as we've seen with the Clink programme.

First and foremost, and more broadly, I'm thinking of the invention of a new, more innovative, more principled, more sustainable model for the sake of the planet and quality of life, for the sake of our contemporaries, and for the sake of our children.

All of these topics are on the agenda for the next Monaco Digital Council on 15 November 2019, which I invite you to attend.

In the meantime, I invite you all to join me as we strive to change our behaviours and our habits together every day.

As we all play our full part in the energy transition.

So that we can achieve it quickly and collectively.

Thank you.

---

## **SPEECH BY MARIE-PIERRE GRAMAGLIA**

Annual Energy Transition Conference  
Friday 29 March 2019, 6 pm  
Ballroom, YCM

Your Highness,  
Minister of State,  
Your Excellencies,  
Dear colleagues,  
Members of the National Council,  
Deputy Mayor,  
Chair of the Economic and Social Council,  
Presidents,  
Ladies and gentlemen,  
Dear friends,

14

I'm delighted to welcome you back here in the Yacht Club de Monaco to talk about the energy transition for the third year in a row.

Thank you for coming and showing our community's interest in this issue, which will help our society to move towards "zero carbon". A society that will be a nicer place to live and, above all, a healthier place, because there will be less pollution.

In 2017, we presented the White Paper and last year we focused on the stakeholders of the transition. This year, we have called this event "The Energy Transition: It's Up to Me".

We thought it was important to remind people that each and every one of us must to some extent adopt a "transition attitude" in our everyday lives.

When travelling or when managing our waste or our energy consumption, each of us is responsible for the choices we make.

And yet, there are things we can do to reduce our impact on the environment, and we will be hearing about those later from one of our guests.

We know, for example, that plastic waste is one of the biggest scourges to infect our seas, oceans and even mountain lakes, contaminating the entire food chain.

During Monaco Ocean Week, the explorer Mike Horn reminded us how urgent the situation is, when he said: "Plastic is everywhere in the oceans."

Aware of the scale of the disaster, over the last three years the Government has, step-by-step, been taking measures to ban the use of plastic bags within the country.

In January, this ban was extended to plastic stirrers and straws. From January 2020, plastic cups, plates and utensils will also be banned.

It is crucial that all residents, restaurant owners, hotels and everyone who uses or sells these items comply with these bans.

Perhaps we can imagine a future for our country where all plastics have been replaced by eco-friendly materials.

Look at what we are able to do on fuel oil, with a ban on boilers throughout the country coming into effect in 2022.

At the behest of H.S.H. the Sovereign Prince, our country is on the path to carbon neutrality by 2050, with an interim target of reducing our greenhouse gas emissions by 50% by 2030, compared with 1990 levels.

When I talked about these figures two years ago, I emphasised that these targets would require us to reduce emissions at a rate four times faster than had been done so far.

That is still true, even though, for the sectors that produce the most emissions – transport, energy and waste – we have taken essential measures. For example, the number of electric bikes has almost doubled, new heating regulations have been introduced and recycling has been increased through the issue of free yellow and green bins.

I will say it again: to achieve these targets, it is critical that everyone engages.

The speeches we may make, the good intentions that we want to pass on, the regulations and the bans – all of these amount to nothing without the individual and collective efforts that must be made.

I know that all of you, having signed up to the National Energy Transition Pact, are engaged, and I congratulate you for that.

Many of you have signed up as individuals, while others have signed up as part of a collective effort: institutions like the National Council, City Hall, the Economic and Social Council; companies like SBM and Télé Monte-Carlo to take just the two most recent signatories, and organisations from the world of culture like the Théâtre Princesse Grace.

We are counting on you to go further and faster, to mobilise your teams and your partners, and to help us expand the circle of this proactive community that accepts the urgent nature of the environmental challenge.

That is why we are now going to set up a National Energy Transition Pact Strategic Committee which, in the spirit of the White Paper, will bring together signatories of the Pact representing key stakeholders in the country on a regular basis.

The role of the committee will be to support and provide back-up to the Mission for Energy Transition in mobilising all elements of the Monegasque community.

To conclude, I would like to quote Barack Obama, whose words should guide us in our desire to act:

“Our children will not have time to debate climate change, they'll be too busy dealing with its effects.”

I will now hand over to Annabelle Jaeger-Seydoux, Director of the Mission for Energy Transition, who will set out the main items on the agenda for our meeting, which will include the presentation of awards to leading stakeholders in the energy transition.

Thank you.

## *A WORD FROM SÉBASTIEN USCHER, MANAGER AT DECATHLON MONACO*

I was born in Auvergne, and ever since I learned to walk, I've been passionate about sport and nature.

In 2016, I took up a unique way of putting my passion for running into practice: collecting rubbish while I run.

There are now more than 100,000 of us doing this around the world: our movement is called RunEcoTeam.

I'm a manager at Decathlon, and so I came up with the idea of suggesting to my boss that we should do more than just pick up rubbish while running... So I suggested to him that we should stop selling single-use plastic bottles of water, which are, unfortunately, so often found in the sea, even right opposite our shop.

My boss was supportive, and even though this decision is entirely in line with the ethos of my company, which is to make sport sustainably accessible to all, it's a first: this has never been done before.

When we launched this initiative, we realised that it wasn't a simple thing to put in place, and I'd like to thank Olivier for his faith in me.

So, instead of the plastic bottles, at Decathlon Monaco over the next few days, you'll find an eco-designed, reusable bottle and a water fountain supplying purified, filtered water free of charge for use by everyone.

Through this action, we are eliminating the more than 6,000 single-use plastic water bottles that we sell in our shop every year. This is a first step: we will continue our research into more sustainable materials. We also hope to identify new, more eco-friendly processes so that we can soon replace other products on sale.

We know that this initiative is set to be replicated in other Decathlon shops, and we are delighted and honoured to be launching the movement here in Monaco. Because it was in this environment, which is conducive to this kind of decision, Your Highness, that this idea began to take root in my mind.

Finally, I would like to draw on the words of a certain Gandhi by noting that whether or not we work in retail, above all we want to be the changes that we want to see in the world.

So, thank you, Olivier, for your faith in me. I would also like to thank the Prince's Government for its support for this project, which has been extremely valuable in winning people over, getting them to join in and taking it further.