



TRANSITION

Powering Our Clean Future

Monaco — 26-27 June 2018

THE GRIMALDI FORUM
CONGRESS CENTRE OF THE
PRINCIPALITY OF MONACO

REINVENTING BUSINESS MODELS



TRANSITION

Powering Our Clean Future

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DAY 1 - JUNE 26TH, 2018

MARKET PLACE

NETWORKING BREAKFAST (08:00 – 09:00)

PLENARY (PRINCE PIERRE AMPHITHEATER)

OPENING (09:00 – 10:00)

09:00

Welcome to Monaco, Welcome to Transition

09:25

Presenting the Transition Initiative: an action-oriented platform with a holistic approach to support the reinvention of business models

- **Richard Attias**, Executive Chairman, Richard Attias & Associates
- **Lionel Le Maux**, President, Aqua Asset Management & Co-Founder, Monaco Transition Forum, France

C40 : Cities at the Heart of the Energy and Ecological Transition

- **Anne Hidalgo** , Mayor of Paris & Chair of C40, France

Monaco : a Leader of Transition

- **HSH Prince Albert II of Monaco**

09:25

A Sustainable Superpower: China Leading the Transition

09:40

To tackle some of its most pressing environmental and economic challenges, China is massively investing in clean technologies. How is China leading the way towards a cleaner future and what opportunities are emerging from its thriving market?

- **Lu Huiying**, Consul General of the People's Republic of China in Marseille, China
- **Jean-Pierre Raffarin**, former French Prime Minister, France

09:40

Reinventing Business Models: the Way Forward for the New Generation

10:00

- **Alberto Ibarrondo Luis**, Student, EURECOM, Spain
- **Theoni Magounaki**, Student, EURECOM, Greece
- **Luxman Sellappah**, Student, EURECOM, Sri Lanka
- **Xiaoguang Zhao**, Student, EURECOM, China



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PLENARY (PRINCE PIERRE AMPHITHEATER)

ENABLER I: FINANCING, GENERALIZING THE CLEANTECH TRANSITION (10:00 – 11:10)

10:00

Overcoming What's Holding Clean Finance Back

10:50

Panel Debate (50')

To implement innovative business models and scale-up clean technologies, finance is key. How can capital be unlocked to finance the energy and ecological transition? What is the role of the financial actors and who are the change-makers in this field?

Opening

- **Riaz Siddiqi**, Founder and Manager Partner, Denham Capital, USA

Investment in clean technologies worldwide rose 3% to USD 333.5 billion between 2016 and 2017, translating an increased financial interest. Yet, USD 93 trillion in infrastructure investment will be needed in the next 15 years to meet global infrastructure needs.

To “reinvent business models” in the key sectors of the economy and shift financial flows toward an economy aligned with the Paris Agreement and the Sustainable Development Goals, the different actors of the financial sector are taking actions such as the integration of climate risks in the portfolio assets, shareholder engagement, new dedicated funds etc.

How could this dynamic be accelerated? Which are the priority sectors for the transition? How to encourage non-sustainable-focused institutions to green their investment policies? How to make financing available to both mega-projects and networks of SMEs adapting their business models?

- **Francis O' Sullivan**, Director, Energy Initiative, MIT, USA
- **Jean-Guillaume Peladan**, Head of Environmental Investments & Research & Portfolio Manager, Sycomore Asset Management, France
- **Nancy Pfund**, Managing Partner, DBL Partners, USA
- **Carlos Sallé**, Vice President of Energy Policies and Climate Change, Iberdrola, Spain

Moderator: **Peter Goodman**, European Economics Correspondent for The New York Times, USA

10:50

Finance for a Sustainable Future

11:00

Unexpected Disrupters (In Conversation 10')

Finance on board for a cleaner future: how to engage investors and financial actors to go clean, which tools and which ecosystem are needed to enable this shift ?

- **Fabrice Dumonteil**, CEO Eiffel Investment Group & Board Member Finance For Tomorrow, France

Moderator: **Stan Stalnaker**, Founder and Chief Strategy Officer, Hub Culture, USA

MARKET PLACE

MID-MORNING COFFEE NETWORKING BREAK (11:00 – 11:30)



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PLENARY (PRINCE PIERRE AMPHITHEATER)

ENABLER II: NEW STAKEHOLDERS BEHAVIORS, NEW PARTNERSHIPS FOR CREATING SHARED-VALUE (11:30 – 13:00)

11:30 The New Actors of the Clean Economy

12:10 Panel Debate (40')

To be able to reinvent business models in the key sectors of the economy, the scale of change needs to be systemic.

Innovative partnerships between stakeholders coming from different but complementary backgrounds, new approaches and new behaviors are needed to accelerate the energy and ecological transition in all sectors and in all countries.

Who are the new actors of the clean economy? How can we encourage them to thrive? How can we encourage innovative collaboration and multi stakeholder approach to accelerate the energy and ecological transition?

- **Pedro Antonio Arias**, Real and Alternative Assets Platform – Global Head, Amundi, Spain
- **Alzbeta Klein**, Director and Global Head, Climate Business, IFC, USA
- **Myriam Maestroni**, CEO d'Economie d'Energie SAS et de la Fondation e5t., France
- **Henri Nyakarundi**, Founder, ARED, African Renewable Energy Distributor, Rwanda

Moderator: **Jean Rognetta**, Editor in Chief, Forbes, France

12:10 Crowdfunding for Green

12:20 In the Spotlight (Case Study 10')

Crowdfunding is more than just a financial tool: it is also a tool for territorial communication, citizen participation and it can enhance the mobilization of local actors around emblematic projects.

How can crowdfunding help to support and promote a cleaner future?

- **Coenraad de Vries**, Managing Partner Start Green Capital, Co-Founder OnePlanetCrowd & Board Member European Crowdfunding Network, Netherlands

12:20 Luxembourg Green Stock Exchange

12:35 My Transition (In Conversation 15')

Stock exchange going green: how can innovative partnerships help to build the financial structure of the future?

- **Jane Wilkinson**, Head of Sustainable Finance, Luxembourg Stock Exchange, Luxembourg
- **Margaret Kuhlou**, Finance Practice Leader, WWF, USA

Moderator: **Stan Stalnaker**, Founder and Chief Strategy Officer, Hub Culture, USA



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12:35

Rethinking Progress: The Circular Economy

12:55

Unexpected Disrupters (In Conversation 20')

The way we design, produce and use clothes has drawbacks that are becoming increasingly clear.

How can we rethink our consumption and production patterns to create positive cycles?

- **Gwen Cunningham**, Program Lead, Circle Textiles Program, Circle Economy, Netherlands
- **Anna Maria Rugarli**, Sustainability and Responsibility Senior Director for EMEA, VF Corporation, Switzerland

Moderator: **Laura Balmond**, Make Fashion Circular Initiative, Foundation Ellen MacArthur, UK

MARKET PLACE

LUNCH BREAK (13:00 - 14:30)

4 PITCH-HUBS powered by :

- ENGIE
- FAMAE
- MONACOTECH
- SLB

WORKSHOPS (14:30 - 16:00)

4 KEY SECTORS

- **Resilience & Islands** – Powered by CHAMBER OF RENEWABLE ENERGIES AND ECOLOGY OF MONACO (Van Dongen room)
- **Textile & Circular Economy** – Powered by VF CORPORATION and CIRCLE ECONOMY (Poulenc room)
- **Waste** – Powered by EVERGAZ (Auric room)
- **Water** – Powered by ACTIAM (Bosio room)

MARKET PLACE

MID-AFTERNOON COFFEE NETWORKING BREAK (16:00 - 16:20)

PLENARY (PRINCE PIERRE AMPHITHEATER)

ENABLER III: REGULATIONS, INCENTIVIZING AND EFFECTIVE FRAMEWORKS (16:20 - 17:50)

16:20

Regulations for a Clean Future

17:00

Panel Debate (40')

Every transition needs an enabling framework.

To reinvent business models and scale-up clean technologies, it is thus key to develop supporting regulations encouraging these innovations to thrive.



By developing long-term vision and strategies, governments and other public authorities can support the acceleration of the transition in multiple sectors: what are the best practices? what regulations are most needed to send strong economic and political signals for business models to reinvent themselves and “go clean”?

- **Obaid Amrane**, Member of the Management Board, The Moroccan Solar Energy Agency, Morocco
- **Pernilla Halldin**, Global Public Affairs, H&M, Sweden
- **Hon Mr. Justice Swatanter Kumar**, Former Chairperson, National Green Tribunal, India
- **Sylvie Perrin**, Partner, de Gaulle Fleurance & Associés, France
- **Rob van Riet**, Director of Climate and Energy, World Future Council and Right Livelihood Award, Germany

Moderator: **Liliana Andonova**, Professor of International Relations, The Graduate Institute, Switzerland

17:00

Sustainable Supply Chain

17:25

My transition (In Conversation 25')

To make progress on environmental issues, organizations must understand that they are part of a larger system. Integrating sustainability into a supply chain is complex but key to help the reinvention of business models.

- **Nawal Aït-Hocine**, Managing Director, Transparence SA, Switzerland
- **Selim Fendi**, Managing Partner, Aurum Monaco
- **Hans van Houwelingen**, CEO, ACTIAM, Netherlands
- **Pierre-François Thaler**, Co-Founder & Co-CEO Ecovadis, France

Moderator: **Pierre-Henri de Menthon**, Deputy Managing Editor, Challenges, France

17:25

Rethinking The Future Of Plastic

17:45

Unexpected Disrupters (In Conversation 20')

How can we rethink the economics of plastic to improve environmental outcome? What innovative solutions exist to limit plastic waste and transform it into valuable resources?

- **Simon Bernard**, Co-Founder Communication & Vision, Plastic Odyssey, France
- **Filipe De Botton**, CEO, Logoplaste, Portugal

Moderator: **Pierre-Henri de Menthon**, Deputy Managing Editor, Challenges, France

CLOSING DAY 1 (17:45 - 18:10)

17:45

Cleaning the Slate: Time for Global Acceleration

18:10

In Conversation Closing Remarks

What is the role of local leaders in the acceleration of the transition towards a clean future?

No longer are clean technologies just an option, as the impact of climate change is getting worse by the day. They meet economic, social and environmental needs for our economies, companies and societies. It is time to build on territories' best practices, and strong regulatory frameworks such as the Paris Agreement, and the Global Environment Pact.

- **Arnold Schwarzenegger**, Founder, R20, USA



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DAY 2 - JUNE 27TH, 2018

MARKET PLACE

NETWORKING BREAKFAST (08:00 – 09:00)

PLENARY (PRINCE PIERRE AMPHITHEATER)

OPENING (09:00 – 09:50)

09:00

Transforming the Mediterranean

Panel Debate (50')

09:50

Cradle of great ancient civilizations, superhighway for trade and transport, treasure of biodiversity, the Mediterranean faces a sea of challenges in the 21st century including climate change, pollution, overfishing etc.

All stakeholders have a vital role to play in ensuring the sustainable development of our oceans and coasts: how can we act together to implement concrete solutions?

Opening:

- **Bernard Fautrier**, Vice-President of the Prince Albert II of Monaco Foundation, Monaco
- **Jérôme Delafosse**, Explorer and Expedition Leader, Energy Observer, France
- **Gilles Lecaillon**, CEO, Ecocéan, France
- **Marc Simon**, Vice President Business Development Mediterranean, SUEZ, France
- **Julien Topenot**, Head of Environment and Sustainability, CMA CGM, France*

Moderator: **Paul Holthus**, President & CEO, World Ocean Council, USA

PLENARY (PRINCE PIERRE AMPHITHEATER)

ENABLER IV (Part I): INNOVATION, MAINSTREAMING REVOLUTIONARY IDEAS (09:50 -10:40)

09:50

Discovering and Implementing the Latest

Panel Debate (50')

10:40

Innovation is at the heart of the transition: how can we find, support and mainstream revolutionary ideas?

How can actors susceptible to implement and scale them find them? What are the most disruptive tools currently being developed? How can the time of widespread adoption be reduced? What is preventing SMEs and multinational companies to adopt them?

Opening:

- **Gunter Pauli**, Businessman & Author of the Blue Economy, Belgium
- **Graciela Chichilnisky**, Professor and Nobel Prize Winner, Columbia University, USA
- **Laszlo Giricz**, Founder and CEO, Poseidon, Malta
- **Nils Joyeux**, Co-Founder at Zéphyr & Borée, France
- **Eric Scotto**, President & Co-Founder, Akuo Energy, France

Moderator : **Edie Lush**, Executive Editor, Hub Culture, UK



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MID-MORNING COFFEE NETWORKING BREAK (10:40 – 11:00)

PLENARY (PRINCE PIERRE AMPHITHEATER)

ENABLER IV: (Part 2) INNOVATION, MAINSTREAMING REVOLUTIONARY IDEAS (11:00 – 11:50)

11:00

We Are What We Eat

11:20

My Transition (In Conversation 20')

What is the future of agriculture and agribusiness in a world where the population is growing, and the resources are limited?

- **William Kwende**, Chairman, Agritech, Burkina Faso
- **David Rosenberg**, CEO, Aerofarms, USA

Moderator: **Marc-André Kamel**, Partner, Bain, France

11:20

Telecom and Energy Working Together for a Cleaner Future

11:35

Unexpected Disrupters (In Conversation 15')

How can Telecom and Energy work together to develop innovative and solutions that combine economic prosperity and sustainability?

- **Charlotte Aubin**, CEO, Greenwish Partners, France
- **Thomas Chalumeau**, Executive Director Strategy & Business, Orange, France

Moderator: **Stan Stalaker**, Founder and Chief Strategy Officer, Hub Culture, USA

11:35

Clean Finance

11:50

My Transition (In Conversation 15')

What innovative initiatives to integrate climate risks in investment strategy?

- **Claude Nahon**, Sustainable Development, Senior Vice-President, EDF, France
- **Sylvain Vanston**, Chief Sustainability Officer, AXA, France

Moderator: **Stan Stalaker**, Founder and Chief Strategy Officer, Hub Culture, USA

WORKSHOPS (11:50 – 13:10)

4 KEY SECTORS

Energy – Powered by ENGIE (Van Dongen room)

Mobility – Powered by E&Y and WWF (Poulenc room)

Ocean vs. Plastic – Powered by SUEZ (Auric room)

Supply Chain – Powered by AURUM MONACO (Bosio room)



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LUNCH BREAK (13:10 – 14:30)

4 PITCH-HUBS powered by :

- AQUA ASSET MANAGEMENT
- ENGIE
- GOLD TRUFFLE & OPTIVADARNA
- MONACOTECH

PLENARY (PRINCE PIERRE AMPHITHEATER)

ENABLER V: CITIES AND TERRITORIES, DECENTRALIZING TO ADAPT TO NEW NEEDS (14:30 -16:00)

14:30 **Defining the 21st Century Metropolis**

15:10

Panel Debate (40')

By 2050, 3/4 of humanity will live in cities: how can clean technologies help to address the social, economic and environmental challenges deriving from a fast-paced urbanization?

The world's biggest metropolises will be located in emerging markets. Public health concerns, food supply, water needs, energy distribution, mobility will change in scale and essence.

How to take existing and future clean technology into account to address them? With megalopolises and territories to exceed the population of many states, what is the role of these territories in the clean economy governance system? How to assist the city of tomorrow to be built cleanly? What is the role and what are the opportunities for the private sector to act at the local level?

- **Olivier Biancarelli**, General Director, Tractebel, ENGIE, France
- **Lionel Cormier**, Managing Partner, Demeter , France
- **Rinat Guy**, CIO Tel Aviv, Israël
- **Michèle Sabban**, President R20, France

Moderator : **Christian de Boisredon**, Founder, Sparknews, France

15:10 **The Future of Mobility**

15:30

In the Spotlight (Case Study 20')

How can mobility evolve to improve transportation within cities and territories while meeting environmental challenges?

- **Madalena Callé Lucas**, Senior Sustainability Advisor, EDP, Portugal
- **Mathieu de Chanville**, Deputy Head of Alliance Ventures, Renault-Nissan-Mitsubishi, France

Moderator: **Pierre Cannet**, Head Climate Energy & Sustainable Cities, WWF France and Leadership Team, WWF International Climate and Energy Practice, France



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15:30

Sustainable Cities : Building Differently

Unexpected Disrupters (In Conversation 20')

15:50

The construction industry is one of the major global exploiters of natural resources: what disruptive innovations are available to build differently?

- **Sébastien Duprat**, Director at Egis & General Director of Cycle-up, France
- **Ni Jincheng**, Senior Advisor of the Franco-Chinese Association for Sustainable Urban Development (AFCDUD), China
- **Curren Krasnoff**, Founder & CEO, Cortex Composites, USA

Moderator: **Angela Howarth**, Marketing Communications Director, World Green Building Council, UK

PLENARY (PRINCE PIERRE AMPHITHEATER)

CLOSING (16:00 - 17:00)

16:00

Feedback from Sector Hubs

16:40

16:40

The Way Ahead

17:00