



PROGRAM FOR OPEN RESOURCE CONFERENCE

“Let’s create a resourceful future”

On October 16th 2018, take part in the first ever *open_resource conference*:

An event dedicated to innovation for smart and sustainable management of the planet’s resources.

Record droughts, floods and record fires, the seventh continent of plastic – the warnings are no longer enough. We must act and innovate for the future. Together we must create solutions to safeguard tomorrow’s resources.

Management and protection of resources is everyone’s concern - companies, public authorities, citizens and researchers have to get on board. The future of our societies is at stake.

To participate in the joint development of these solutions for the future, SUEZ has created a series of *open_resource conferences* with the aim of boosting the shared culture of open innovation between experts, researchers, engineers, local elected authorities, urban planners, industrialists and entrepreneurs.

1 conference / 3 themes / 3 issues:

- **How do we feed the whole planet with limited resources?**

Food is as much a matter of global food supply balance as the content of our plates. The Open Resource Conference will focus on this path from a global level to an individual one, from geopolitics... to flies!

We need Food for People

Virginie RAISSON will explain the key challenges associated with global warming and population growth.

Virginie RAISSON is an expert in prospective geopolitics. She is the director of LÉPAC, the French Foresight Studies and Cartographic Analysis Laboratory, which supports the French television program “*Le Dessous des Cartes*”.



We need Food Safety

Not only do we need to produce more, we need to find better production methods and pollute less, particularly when it comes to water, an essential resource for all crops. Protecting and decontaminating water is a vital necessity. Experts on this subject at SUEZ, Zdravka DOQUANG and Marc SIMON, will be enlightening us on the challenges of micropollution.

We need Food for Tomorrow

We must also innovate, find new food models and the economic channels we need to develop them. NextAlim is at the cutting edge of insect farming and has convinced complementary partners to join its cause.

Anne Sophie ROCHE-BRUYN (Nextalim) and Hugues MULLIEZ will be presenting this ambitious project. You will never look at a fly in the same way again...

- **How do we design resourceful cities?**

In 2030, the world will have 41 mega-cities with over 10 million inhabitants. Cities are a concentration of the challenges of the resource revolution and sustainable development. If we innovate to make cities smarter, more resilient and more responsible, urbanisation will be an easy option. Creating resourceful_cities together is one of the keys to sustainable development. And one way may be "Sponges" ...

Let's make Resilient Cities

While Cape Town managed to push back its "Day Zero", Hong Kong now has to recover from Typhoon Mangkut. While San Juan licks the wounds caused by Hurricane Maria, Delhi and Cairo are facing deadly pollution. Cities are already enduring the effects of climate change. They must become resilient.

Jeff HEBERT was the first *Chief Resilience Officer* of a city – New Orleans – which demonstrated extraordinary bravery and resilience.

Harry SEAH is Assistant Chief Executive (Future Systems & Technology) of Singapore's national water agency (PUB). The city-state is one of the rainiest cities in the world. However, it suffers from water shortages due to its geographical location and population density. To address this issue, the PUB and SUEZ have relied on digital technology to revolutionize water management.

Two testimonials for one conviction: resilient cities are an absolute necessity today.

Let's make Smart Cities

Resisting disasters will no longer be enough. We must understand them to anticipate them. Cities can no longer be passive. They must become smart. Data provided by their various departments and facilities will enable a more appropriate, more flexible and more sustainable management of cities. And this is not something that will happen in the future. It is happening in Burgundy now ...

Denis HAMEAU (Vice-President Dijon Métropole), Magali LECOZE (Bouygues Energies Services) and Benoit BRIENT (SUEZ) will be speaking about the partnerships and synergies necessary for developing smarter and more connected cities.

Let's make Sponge Cities

As well as adapting existing cities, we must find solutions to allow cities to develop safely and sustainably. Anticipating disasters will not be enough. We will need to foresee them to avoid them. This was the choice made by the Chinese city of Chongqing when it decided to become a "Sponge City".

Chen YAN (SUEZ) will be explaining these new methods of harvesting and treating stormwater.

Chen YAN, Business Development Director of SUEZ Asia Advanced Solutions

- **How do we turn plastic into a resource?**

Plastic is a symbol of pollution. It must become a symbol of the resource revolution. It is vital we reduce its use. But we must develop solutions for the viable and long-term production of a material that is useful to our societies. Instead of being waste products, our plastics must become a resource as part of our sustainable development. And for this, we need you ...

Recycled Plastic is needed

Thanks to its various advantages, recycled plastic is a key material in many sectors, from food to cars, and from the textile industry to the furniture sector. This requirement justifies the adoption of recycled plastic as the symbol of a sustainable and responsible circular economy. Over and above the obvious environmental responsibility, manufacturers from a wide variety of sectors use economic and social issues to justify their shared conviction that we need recycled plastic.

Maurizio PATARNELLO, Deputy Executive Vice President Head of Nestlé Waters

Jean-Marie JULIEN, Materials Strategy Manager, Packaging Expertise, l'Oréal

Jean-Philippe HERMINE, Vice President in charge of Strategic Environmental Planning, Renault Group

Recycled Plastic is here

We must develop solutions for the viable and long-term production of a useful material. These solutions exist: producing 1 tonne of recycled plastic saves 5 barrels of oil and the equivalent of 1.6 tonnes of CO₂. Yet only 2% of plastic packaging used worldwide each year comes from recycled plastic. This has to change.

Experts will be explaining the lifecycle of recycled plastic, from production to collection via eco-design. Because we must continue to inform the public to ensure we all adopt the right habits and really get to grips with the resource revolution.

Sabine ZARIATTI, Activity leader Plastics – DIPI – SUEZ

Laure CUCURON, General manager of Terracycle Europe

Christine LEVEQUE Director Business Innovation SUEZ Benelux and Germany

- **How do we adopt Open Resource?**

The Resource Revolution cannot happen by decree. It is a necessity. “Open Resource” must not be declared. It must be adopted. It requires all our production and consumption habits – concerning our diets, our homes, our materials - to be changed. Pascal CANFIN (WWF) and Jean-Louis CHAUSSADE (SUEZ) will be explaining this changes.

Thinkers, makers and decision-makers the world over will be coming together to share their knowledge and experience, and to inspire and support commitment to a resourceful future.