

9-10
DECEMBRE
2020

enerGaïa

Forum Européen des énergies renouvelables
European renewable energy Forum

COMMUNIQUÉ DE PRESSE

Pre-registration at www.energaia.fr
Programme at bit.ly/2H1PG9K

Montpellier, 12 October 2020

Spotlight on the highlights coming up at Forum EnerGaïa, the unmissable event for all renewable energy professionals and organisations

Wednesday 9 and Thursday 10 December 2020 – Montpellier Exhibition Centre - France

Wednesday 9 December – 10:30-12:30 – Plenary lecture

“**Accelerating transitions for a more resilient society**” is the theme of the plenary lecture at Forum EnerGaïa 2020. This desire for change to better withstand climate-related, economic and social shocks makes it necessary, and even imperative to accelerate the ecology and energy transitions. The ability of our society to show its resilience will be increasingly dependent on re-shoring the green technology industry: photovoltaic, offshore wind power, anaerobic digestion and renewable hydrogen. From its very opening moments, the Forum places the hottest subjects on the table.

Wednesday 9 December – 14:00-15:30 – Round table

“**Reshoring the photovoltaic industry**” provides a global overview of an initiative of several industrial players which will result, in the very near future, in the emergence of Europe-made PV gigafactories.

Thursday 10 December – 09:30-11:30 – Round table

Self-sufficiency in energy and food can primarily be achieved by a circular economy, a subject which will be discussed during the round table “**For circular urban planning, reinventing the city.**” It will help to understand the “zero net artificialisation” (ZAN in French) target that the government set in 2018 and which is already being brought to life on the ground.

Thursday 10 December – 09:30-12:00 – Talk

Floating offshore wind power: the future of commercial farms will give a rundown of the current state of the floating offshore wind power industry which is experiencing rapid industrial developments on a worldwide scale and seeing the creation of the first commercial wind farms in Europe. The dynamic growth

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of the sector and its importance for the economy, particularly in the Occitania region, will be debated by representatives of European institutions and organisations.

Thursday 10 December – 14:00-16:00 - Talk

The cornerstone of the transition to low carbon energy is undisputedly the green hydrogen industry. This sector is the key to scaling the final steps towards a 100% renewable economy. The issue of hydrogen, an energy often considered as the missing link in a successful transition to a low-carbon economy, will be discussed by several experts who will attempt to demonstrate a way out of the impasse through strategies which are already being deployed at nationwide and international levels. The talk **“Green hydrogen: the birth of a new industry”** will conclude the 14th edition of Forum EnerGaïa, lifting the veil on a brighter future...

News bites - Exhibitor highlights

*This collection of **News bites** for October 2020 shines a spotlight on exhibitors and their innovations. Goal: a long-lasting energy future revolving around eco-buildings, viable energy transitions and the circular economy.*

News bite : Photovoltaic solar energy – self-consumption - storage

Self-consuming your own electricity generated thanks to the sun and storing the surplus in batteries are both technologies that have now been mastered. They allow energy to be produced and used in complete autonomy. Since 2013, the Brittany-based company **Technideal** has been offering professionals solutions suited to the exponential market for self-consumption. The BILLY self-consumption and storage management cabinet, combined with solar panels, makes it possible to considerably reduce the amount of energy consumed from the grid. More than just a solution to optimise energy consumption, the BILLY cabinet with its back-up mode offers an emergency supply in the event of a power cut and greater autonomy to cope with the risks of today and tomorrow. Reducing electricity bills while having a positive impact on our planet is a worthwhile endeavour for the future, pursued by Technideal thanks to the solutions it proposes. The exhibitor will demonstrate this at Forum EnerGaïa.

Technideal media contact: Ms Constance THEBAUT - constance.thebaut@technideal.com

News bite: Automation of PV plant design and engineering

Specialising in the engineering of PV plants, the Spanish firm **Rated Power** has developed pvDesign, a software as a service (SaaS) which designs and engineers utility-scale PV plants, automatically generating hundreds of pages of documents and technical reports (layout, BoQ, energy report, electrical diagrams,

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sub-station engineering, etc.). pvDesign revolutionises the solar industry by converting processes traditionally lasting 4-6 weeks into merely a few seconds, reducing costs and maximising the efficiencies of PV developers, EPCists, engineering companies and investors. This software simulates all the possible scenarios to make the right choices in terms of design and engineering of the photovoltaic plant (electrical and civil engineering layout, selection of hardware, orientation of structures, monofacial or bifacial panels, type of soil, spacing, etc.). Through its IT development, Rated Power contributes to the acceleration of the transition to a low-carbon economy which is essential in a sector that holds the most significant development potential in the coming 10 years.

Rated Power media contact: Mr Gabriel Cañadas Bonet - press@ratedpower.com

News bite: Coordination and management - Collective smart grids

The energy grid is currently undergoing a period of major transformation. What used to resemble a large single-flow freeway from generation to consumer must now be adapted to integrate flows in both directions and thus allow for the inclusion of renewable energies. Today, consumers are also energy producers. For example, they could be private companies or individuals using energy from wind farms, photovoltaic plants, etc. The problem posed by these new producers is how to control their operating cycle, manage their equipment and connect efficiently to the general grid.

The answer is the Smart Grid, capable of amalgamating the energy produced by this new type of power plant, which fulfils the same requirements and conditions as those of traditional power plants. **JS Automation** (Isere department), an expert in control and supervision solutions for electrical substations, will be taking part in EnerGaïa to present its turnkey projects to French and international players in the renewable energy sector.

JS Automation media contact: Mr Patrick BOISSAT – pboissat@jsautomation.fr

**Make a date for 9 and 10 December for the 14th edition of
Forum EnerGaïa!**

- ENDS -

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About Forum EnerGaïa: An annual event dedicated to renewable energy industry professionals, supported by the Occitanie/Pyrénées-Méditerranée Regional Authority and organised by SPL Occitanie Events, the European Forum EnerGaïa has been accompanying the renewable energy industry for nearly 15 years. Backed up by a content-rich programme of talks, round tables, workshops and pitches giving centre stage to the expertise of key players in the sector, Forum EnerGaïa has reasserted its status as a major meeting for renewable energy professionals. Its ambition: make innovation a cornerstone of the Forum and actively contribute to new French and international energy issues whether in cities, regions or industry. From the latest innovations to major ongoing or planned projects and from the latest industry news to new regulations, project financing and shared experience, a wide range of highly tangible subjects are covered at the Forum which for its 14 edition expects to welcome more than 8,500 professionals and 250 exhibitors.

Forum EnerGaïa has received the backing of COP21, COP22, COP23 and COP24. It is organised under the high patronage of the French Ministry for the Ecological Transition and the European Commission Representation in France.



EnerGaïa, an eco-friendly event, the focus of the 14th edition

Devoted to renewable energy and the energy transition, Forum EnerGaïa has a duty to lead by example in terms of sustainable development. This is why it continues to apply the measures it has been instigating since 2017: a reduction in the consumption of energy, water and paper; limitation and control of waste generated by the organisation of the event (reduction, reuse and recycling of waste); the promotion of “soft” transport modes, the introduction of locally-sourced catering with seasonal cuisine; initiatives to raise the awareness of partners and the public to environmental issues.

By adopting this approach, Forum EnerGaïa pursues the short-term aim of becoming an [environmentally responsible event](#).

*EnerGaïa – The European renewable energy forum
Montpellier Exhibition Centre*



All the necessary public health precautions will be taken to guarantee the safety of exhibitors and visitors, in compliance with legal regulations in force at the time of the event.

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