

PRESS RELEASE GREENTECH FESTIVAL 2022

Changing energy together

Berlin, June 2022. Russia's war against Ukraine has made it even clearer that raw materials are limited, and it shows that dependencies – for example on fossil fuels – demand and promote conflicts. Germany is dependent on energy imports – before the war began, around 35% of the oil came from Russia, according to the Ministry of Economic Affairs, now it is 12%; Russian gas imports have been reduced from around 55% to 35%. Fossil fuels always have negative effects: the transport of fracking oil from Canada is harmful to the climate, gas deliveries from Qatar are criticized for human rights violations, and the burning of hard coal is always accompanied by immense CO₂ emissions. In order to guarantee a safe, cost efficient and independent energy supply in the future, an energy transition must take place as quickly as possible. To do this, both consumers in private households and, in particular, companies and politicians must adapt, then a change can take place through energy efficiency, energy saving and electrification – an important step towards energy independence.

The GREENTECH FESTIVAL shows viable possibilities to actively participate in the transformation – for individuals, the economy and independence. Innovative ideas and approaches to energy storage with long-term heat storage or photovoltaic batteries make it possible to use solar-generated heat and electricity anti-cyclically after production. All storage systems – houses, electric cars, long-term heat storage – can feed their excess energy into the public grid and be made available to regional energy suppliers. Everyone involved benefits from these steps.

Shaping the energy supply of tomorrow

New, innovative ideas that shape the energy supply of tomorrow are essential. Especially in third world countries or crisis areas such as Ukraine, portable solar systems to bridge power failures in hospitals or medical centers could be a real salvation. This is exactly what AXSOL has made its task. A company made up of optimists, idealists and pioneers who make energy supply more tangible for everyone with innovative ideas. One of them is a powerful compact battery that can be charged with solar cells. Looking back, during the Ebola crisis, the delivery of AXSOL brought the first self-sufficient, portable solar systems to Africa to bridge power outages in mobile hospitals. Subsequently, the product line "ARVEY" was already awarded the Federal Prize for outstanding innovative achievements in 2016.

The consumption of materials should not be neglected either, as concrete is the second most consumed material on earth after water. To paraphrase a famous quote: by 2050, the world will use as much concrete to build the equivalent of one New York City per month. In addition, the production of cement clinker, the most important component of concrete, is responsible for 8% of global greenhouse gas

emissions. Without a change in production techniques, this number is expected to double by 2060. Therefore, the company ecoLocked is dedicated to the development of a scalable de-carbonization concept for concrete, which is based on carbon capture. Not only should the CO₂ emissions in concrete products be reduced, but carbon-negative concrete mixtures should be offered in the near future. This is an important contribution to achieving carbon neutrality.

Compared to the high consumption of concrete, the scarce resources on earth can be figuratively reflected by looking at clean water. After all, clean water is not accessible to everyone these days. The Berlin-based company Boreal Light GmbH has accepted this challenge and has specialized in renewable energy solutions for water treatment plants. The company designs and manufactures affordable solar water desalination systems for off-grid communities around the world. Completely solar powered and easy to maintain, Boreal Light's products make a valuable contribution in today's world. With these measures and the necessary motivation, participation and transfer of knowhow, climate change is advanced positively. The GREENTECH FESTIVAL is an opportunity to be used to promote and support this exchange in the interest of the climate, sustainable development and the environment – all of this will also be part of the GTF 2022.

From Berlin to the whole world

The event, held from June 22nd to 24th in the Urban Tech Republic at the former Berlin Airport TXL, is the starting signal for a consistent internationalization of the approaches and ideas of the GREENTECH FESTIVAL. The other stops on the GTF World Tour 2022 are New York (September 15 and 16), London (October 13 and 14) and Singapore (November 17 and 18).

About

The GREENTECH FESTIVAL (GTF) of the founders Sven Krüger, Nico Rosberg and Marco Voigt is the largest sustainability festival in Europe with the GTF EXHIBITION, GTF CONFERENCE and GREEN AWARDS: It encompasses more than 200 exhibitors in the exhibition, a large number of panels and keynotes on the Conference and as a highlight the awards, which honor the most progressive projects worldwide in an exclusive evening event.

Now is the time: We have to radically reinterpret our way of living and doing business. Now! This is the only way we can enable a future for people and the environment on this planet. Together for transformative change: During the GREENTECH FESTIVAL in Berlin, everyone who wants to change something comes together. From June 22nd to 24th, 2022, the GTF will be the scene for innovations, inspiration and ideas and creates a place where green technologies are presented, discussed and awarded – all this to show what it means to act more resource-efficiently, to strive for a better future and to live up to our ethical commitments.

Hold background interviews about the potential of transformative innovations in the energy sector with decision-makers from (stand numbers in brackets):

- Carbonauten (B06b)
- E.ON (F02)
- Hildebrand Energy AG (G11f)
- Infinite Mobility (i06b)
- me energy (i03c, k06)
- NOW (C04)
- Shell (B07)
- Sonnen (B07)
- Telekom (D08)
- Tibber (D07a(i))
- Ubitricity (G04)
- VA-Q-TEC AG (B02)
- Voltfang (a)
- Zenia Energy (B06a)