

Media Contact:

Oriol Pujoldevall

oriol.pujoldevall@energyweb.org



Energy Web Foundation’s Blockchain and Application Layer Test Network, Tobalaba, goes public

For immediate release.

Berlin, November 1, 2017 -- The Energy Web Foundation (EWF) is granting public access to its test network, codenamed Tobalaba.

One month after its first release, Tobalaba is now fully accessible to third parties. Startups and developers in the energy sector can now start using the most advanced network of its kind to develop their decentralized apps (<http://energyweb.org/network/>).

The EWF is taking an agile and incremental approach, and all the developments will be applied to address the specific user needs. This way, the network will evolve based on the feedback received by startups and developers, establishing a fluid communication regarding the tech requirements and features present in the network.

Easy deployment scripts will be available for developers to set up complex development environments, and new builds will be regularly included on the [EWF GitHub](#).

The network will enter Beta phase at the [Event Horizon 2018](#), and go live, with full practical implementation at Event Horizon 2019. These annual energy blockchain summits serve as a place of education and business interaction with the view of faster blockchain deployment in the energy space.

The EWF chain is designed to grant the highest standards of privacy, enabling compliance with regulation while facilitating the required scalability.

Protecting user privacy is one of the major challenges for a blockchain addressing the needs of the energy industry. Responding to this challenge, the Energy Web Foundation has introduced the concept of compliant privacy, allowing all smart contracts, transactions and transition states to be visible only for recognized authorities, while protecting the private keys of

all the users through its Secret Store functionality. This is a major technological breakthrough that unleashes a range of applications.

To enable a strong and efficient regulation of transactions, EWF affiliates have taken the role of network validators. The validators can agree upon standards by whitelisting specific smart contracts or power plants eligible to transact energy on the network. This way, a broader scenario is created, where whitelisted smart contracts become valid at a global scale.

Authorities that already set up a validator node on the network are EWFs affiliates Centrica, Elia, Engie, SempraEnergy, Shell, SPgroup, Statoil, STEDIN, TEPCO and TWL, together with EWF founders Grid Singularity, Rocky Mountain Institute and implementation partners Parity Technologies, Brainbot AG and Slock.it. The list is constantly growing with the arrival of new EWF affiliates.

The network has been designed with scalability envisaged as one of its core features. Currently, it already surpasses Ethereum main net by one order of magnitude. Further improvements will be brought by embedding solutions such as the Raiden Network, scaling up supported transactions per second to over 1 million.

About Energy Web Foundation

The Energy Web Foundation (EWF) is a global non-profit organization focused on accelerating blockchain technology across the energy sector. The intent of EWF, through its Energy Web Platform, is to develop a market standard that ensures interoperability, reduces costs and complexity, aligns currently dispersed blockchain initiatives, and facilitates technology deployment through easy-to-implement applications. For more, visit <http://energyweb.org/>