

## GERMAN DEMO SUCCESSFULLY MIGRATED ONTO THE NATIONAL SMART METER FRAMEWORK

In InterFlex' demonstrator in Germany, the DSO Avacon directly steers residential and generation assets through its IT platform called Smart Grid Hub (SGH). The SGH is designed to operate fully integrated with the DSOs grid control SCADA on one side and the national smart meter framework (SMFW) on the other.

While the official start date of the smart meter rollout in Germany remains unclear, Avacon has successfully migrated the SGH and its pilot customers onto the SMFW architecture. The SGH will be operational in daily grid operation once the conditions set out by the Federal Office of Information Security (BSI) are met: the availability of certified smart meters, a minimum of three certified smart meter gateways and a certified gateway administration service (GWA).

Currently, two more smart meter gateways remain to be certified to officially launch the roll out of smart meters. Meanwhile InterFlex is already operating on a certified GWA, with certified smart meters and the one certified smart meter gateway that's available on the market today.

As such, the German demonstrator highlights the feasibility of use cases involving small scale flexibility and the potential of a grid wide deployment of smart meters. In doing so, InterFlex explores new ways to improve DSO operations by enabling the direct activation of flexibility offered by private customers. It also empowers customers to participate in emerging flexibility markets and support the energy transition.



*Smart meter with smart meter gateway and the control box to be tested in InterFlex*