



HERON Pilot, Greece

Greek Regulatory Workshop (Virtual)

New Regulation Developments in
Greece for Energy Communities
and Energy Efficiency Services for
End Consumers

June 11th 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 894255. The sole responsibility for the content of this document lies with the DECIDE project and does not necessarily reflect the opinion of the European Union.



HERON's pilot in brief



- HERON is one of the largest independent electricity & gas suppliers in Greece with close to **250.000** retail clients.
- Our customer portfolio in the DECIDE pilot includes **200 electricity consumers with real-time power meters for consumption & 15 electricity prosumers with real-time meters for consumption & production from own RES assets** (net metering).
- Our **main focus** regarding pilot implementation is:
 1. To offer real-time provision of energy consumption and production feedback through web accessible portals for participating end consumers/prosumers, including the roll-out of a digital platform.
 2. To develop **new financing schemes and tools** for promoting major RES installations that will be gradually paid off and belong to the Energy Community members, including the potential to co-own and share a major off-site PV installation of 500 kW.
 3. To compile and offer **detailed information on potential effective RES-based savings** to participating end users and **enable communication between group members**.

1. To offer real-time provision of energy consumption and production feedback.
 - continuous upgrade of our smart meter platform, development of a mobile app and clustering to enable energy community subgrouping.



2. To develop **new financing schemes and tools** for promoting major RES installations.
 - HERON is actively supporting the HYPERION solar community which aims at investing in PV-based Virtual Net Metering.
 - HYPERION is a 40-member Energy Community based in Athens.
 - Hands-on project support experience is helping shape efficient financing schemes and tools under the DECIDE pilot goals.
 - A subset of HYPERION members will also be part of the HERON's DECIDE pilot group and will assist towards development of advanced data management tools.



3. To compile and offer **detailed information on potential effective RES-based savings** to participating end users and **enable communication between group members**.
 - Our planning for the DECIDE project was to provide live production data from HERON's 500-kW PV unit in Thiva, GR to end customers participating in our pilot and inform them about the economics of solar production-based savings.
 - Commercial developments led to such implementation being realized to support HERON's ground breaking RES-based net billing program EN.A (**ENergy Autonomy**).
 - Work already performed under our DECIDE pilot mandate provided valuable help to support EN.A go-live.
 - EN.A is a utility-enabled community solar program under which HERON's customers invest in obtaining virtual PV capacity and immediately enjoy energy bill savings based on the revenues from the production of their virtual PV share.
 - Under the DECIDE project framework we will further examine the potential of expanding EN.A functionality towards supporting participation from Energy Communities.





Thank you!

Dr. Costas Baslis

Dr. Konstantina Mentesidi

cbaslis@heron.gr, kmedesidi@heron.gr

Follow us on:

