



NET2GRID

The value of energy consumption data

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Company structure

NET2GRID BV is registered in the Netherlands and founded in December 2011.

The Greek office is registered as a branch at the Chamber of Commerce. NET2GRID Hellas is not a separate entity, all employees have signed employment contracts with NET2GRID BV.



2011



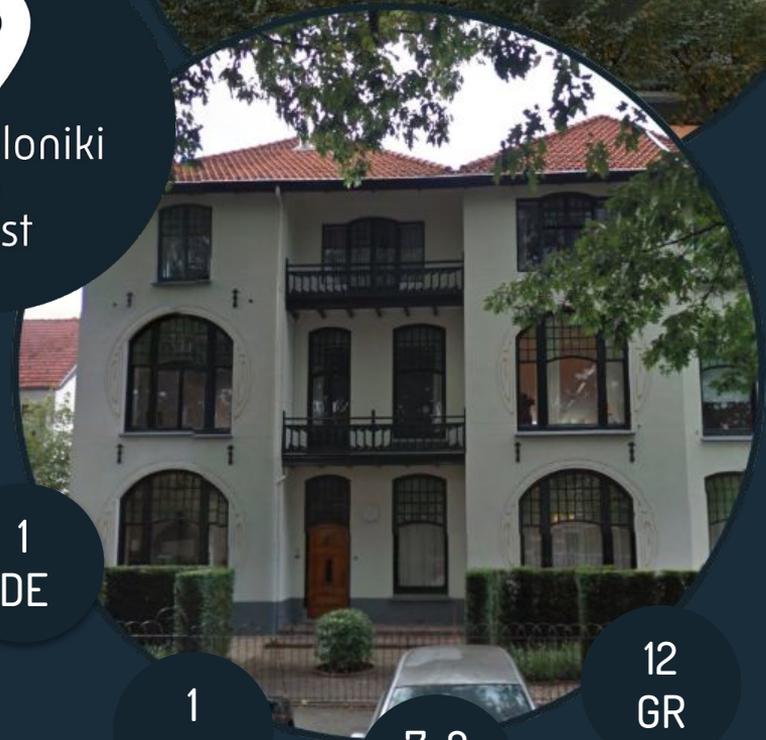
Thessaloniki
&
Zeist

1
DE

1
UK

7+2
NL

12
GR



Our solution to engage **your** customers



Appliance recognition
& disaggregation



Freemium energy insight
Premium smart home



Analytics supporting hardware



Actionable control



Share of mind



Non Intrusive Load Monitoring

sacré-cœur arc de triomphe



dryer

oven



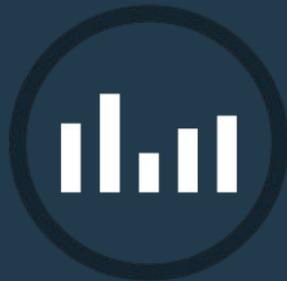
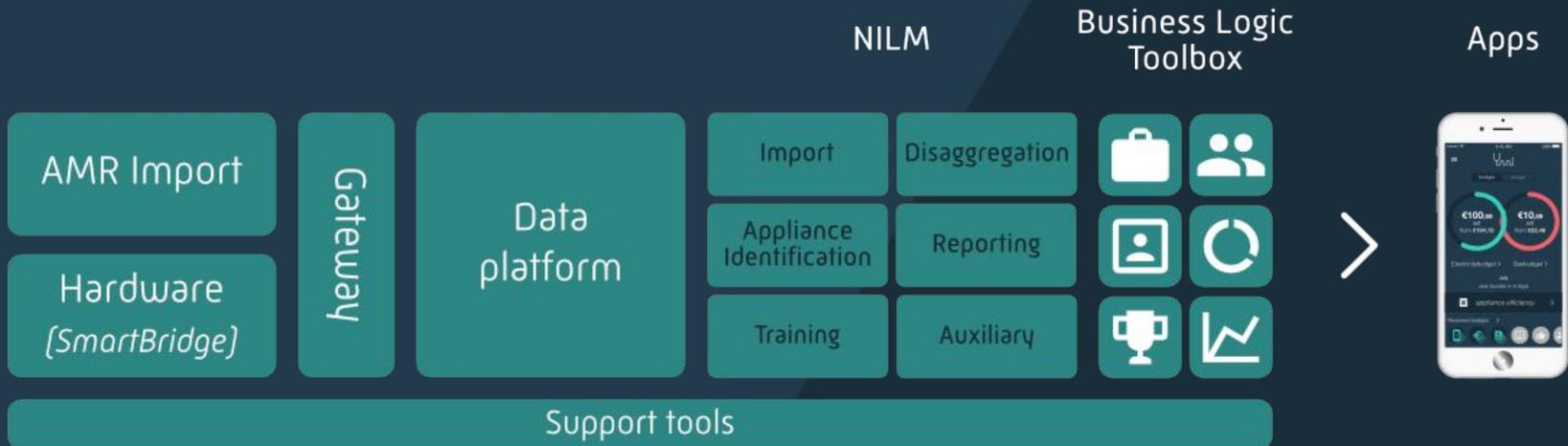


Our solution to engage your customers



- *Appliance level consumption split*
- *Monthly budget*
- *Appliance efficiency*
- *Tips/ Advice*
- *Control*
- *Cost Savings*

Advanced energy insight platform



Business Intelligence



Support Tools



GDPR Compliant

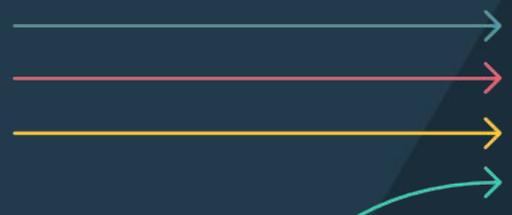


One user experience

AMR



manual



NILM Quality on time-interval



realtime data	90%
daily data	70%
monthly data	50%
yearly data	30%





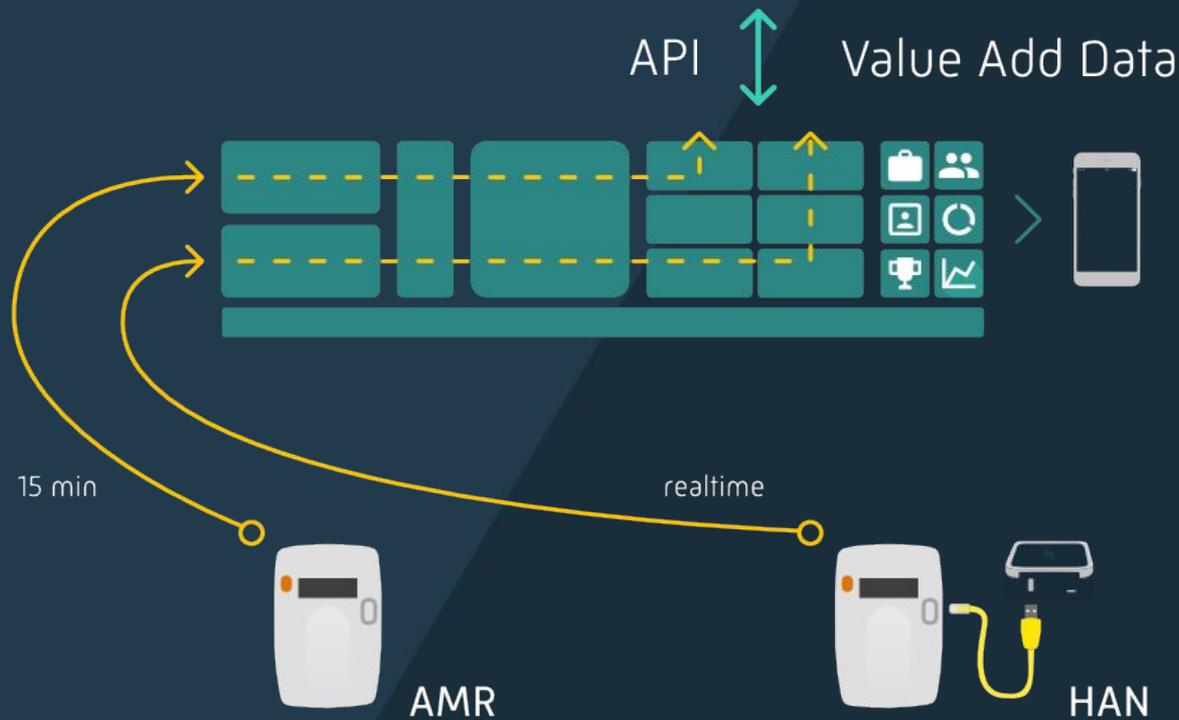
Data Driven Business Models

Energy Retail



Energy Retail Customers

NET2GRID

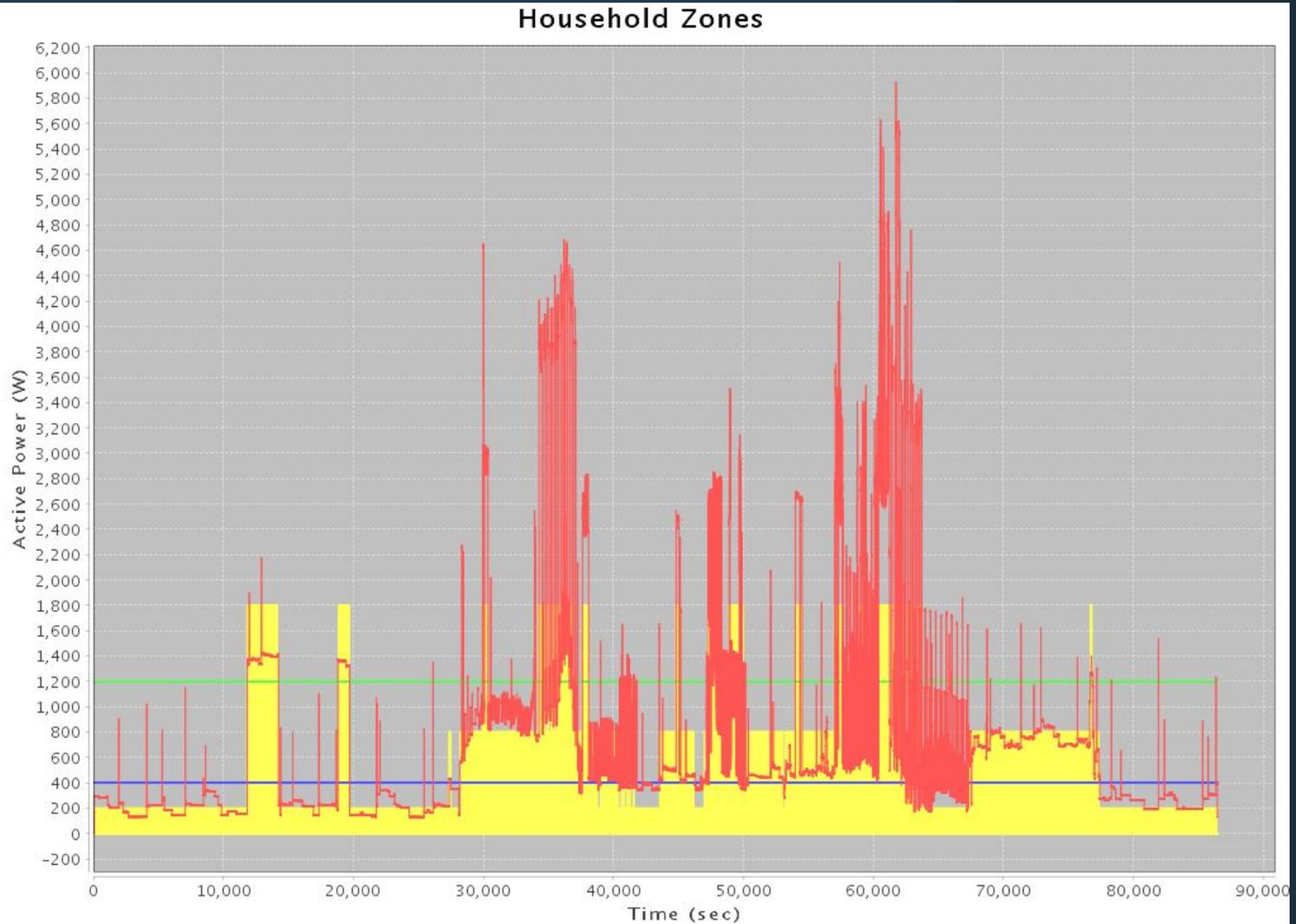




Embedded Systems - NILM on Hardware



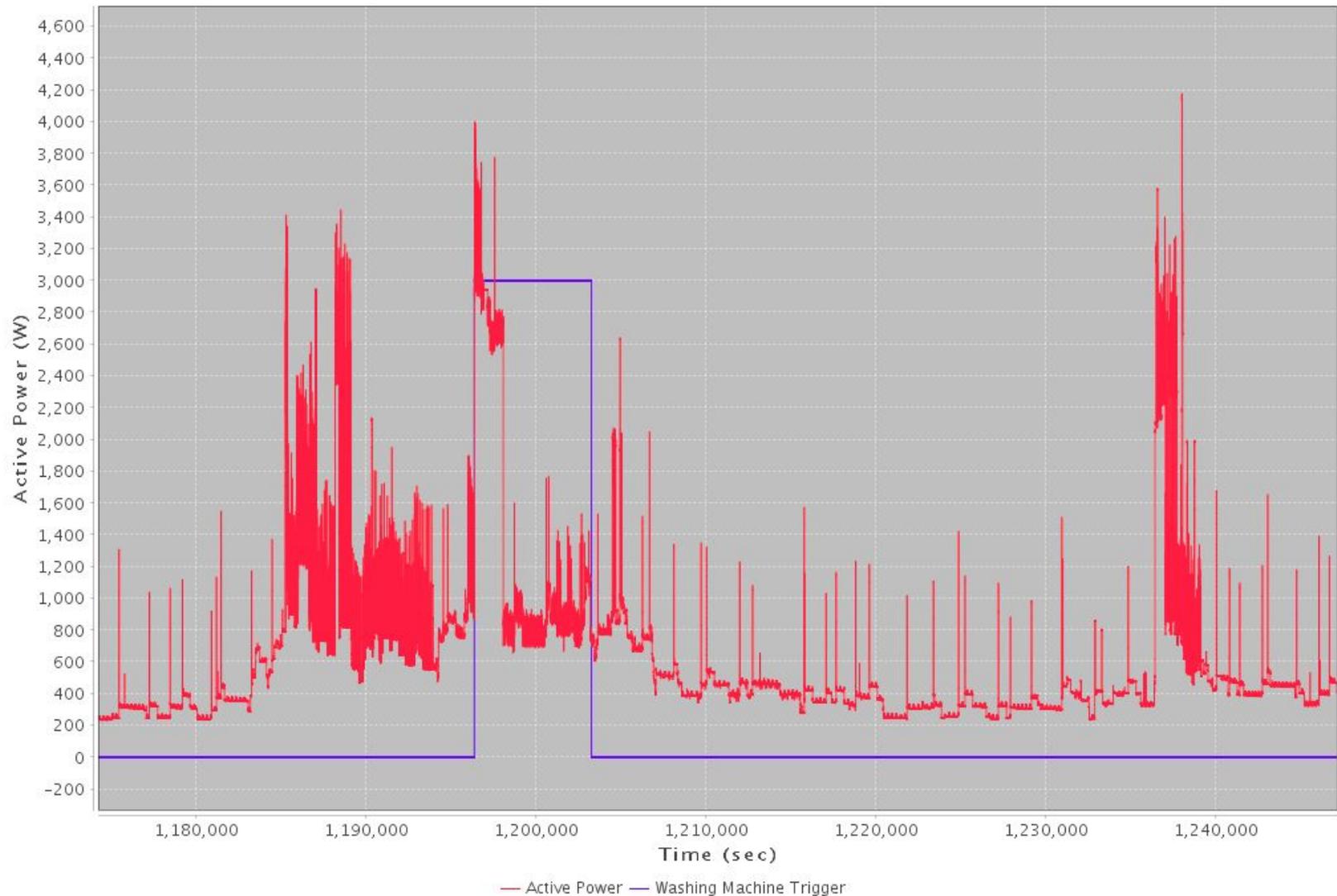
Homestate Example



Washing Machine Detection Example



Test





Artificial Intelligence on the edge

Ok Google, is my laundry finished?



Laundry finished at 13:17.

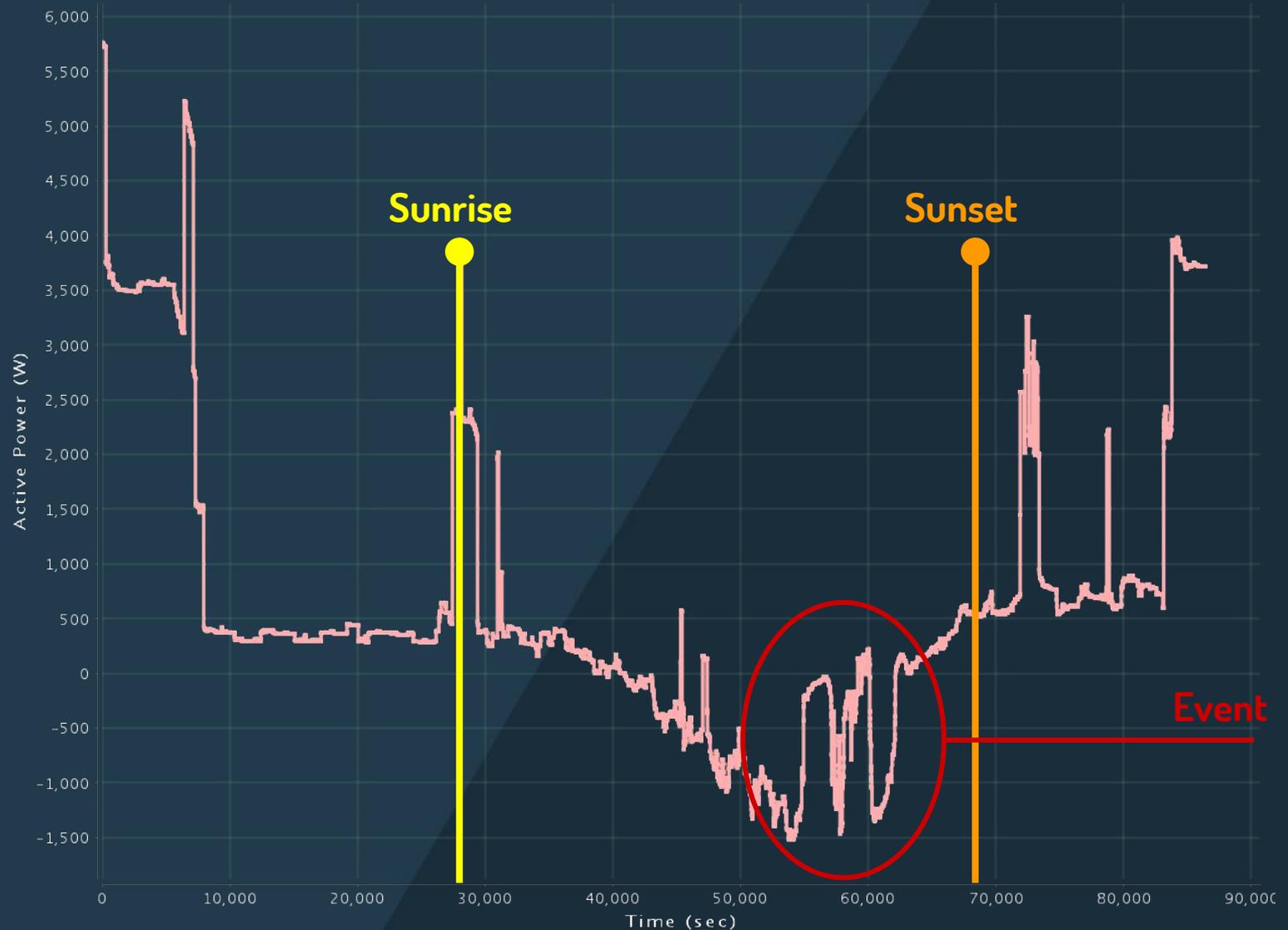




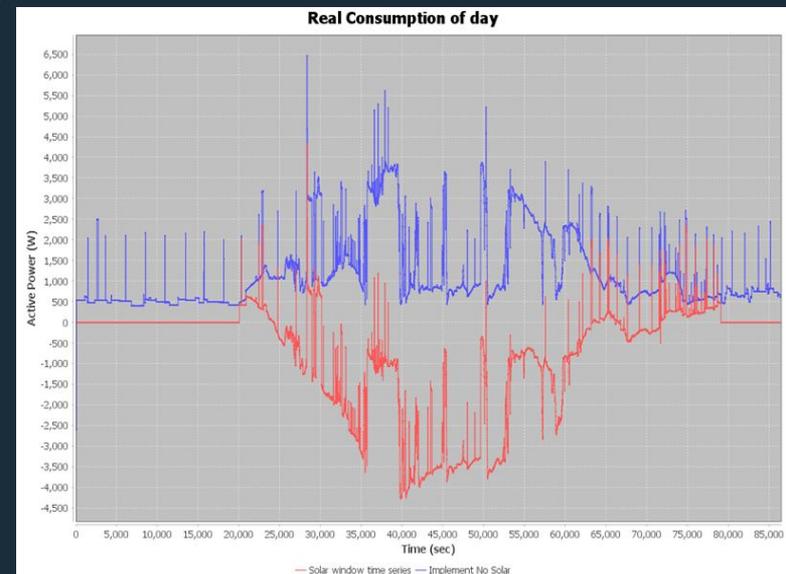
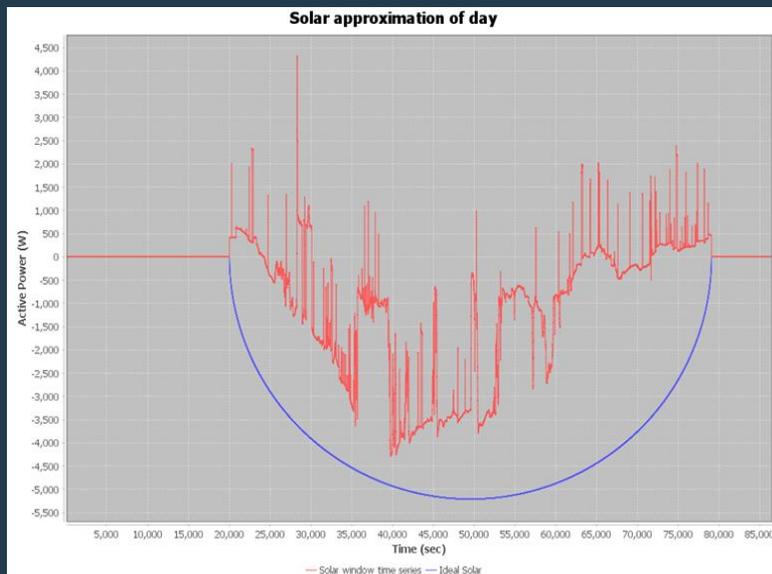
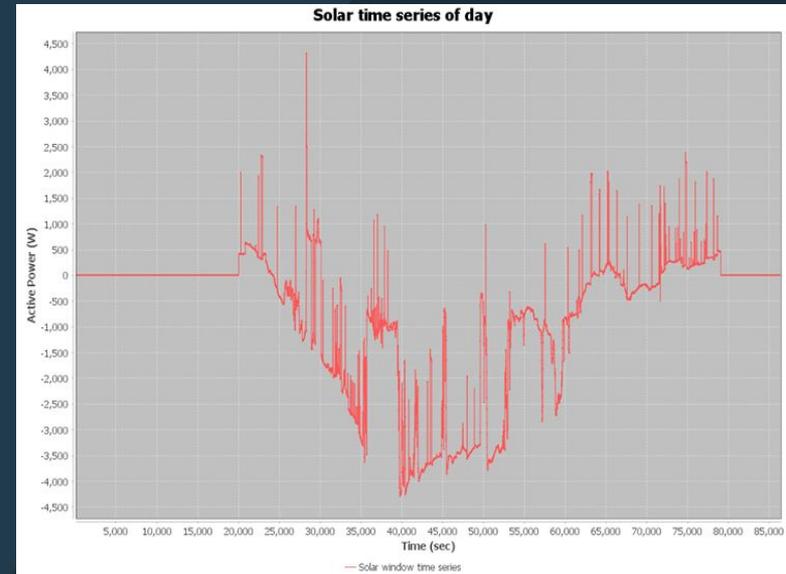
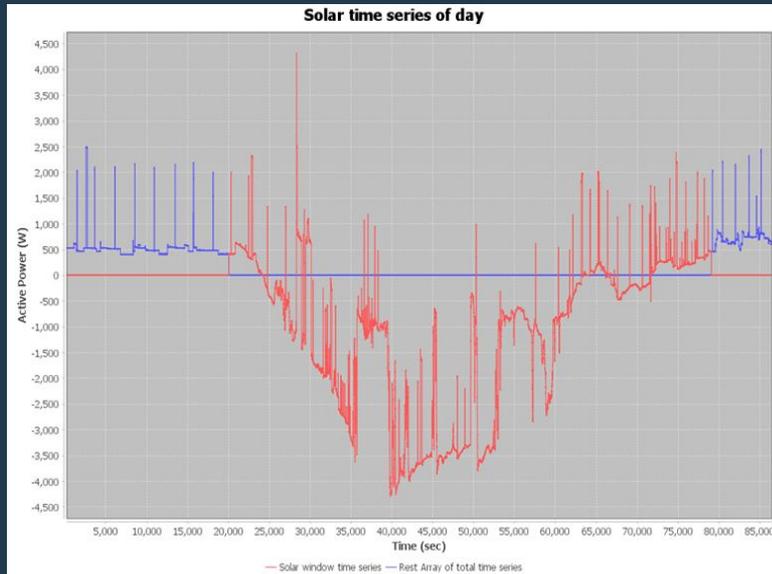
NILM in the presence of solar generation



Solar Production Time-Window Estimation



Towards “usable” time-series





day week month **year**



Watt **6000**
Datum **05/06/18**
Tijdstip **14:11**



day week month **year**



euro kWh

Opwek **€3,25**
Verbruik **€4,60**
Afname **€1,35**





Thank You !

We are hiring, please send your CVs
dimitrios@net2grid.com