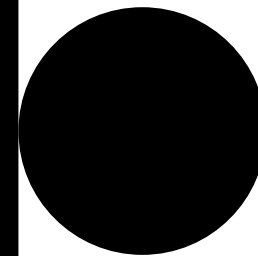
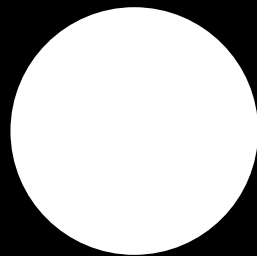
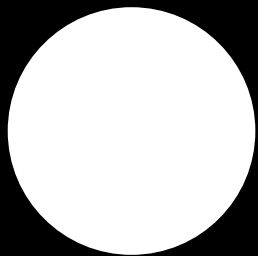


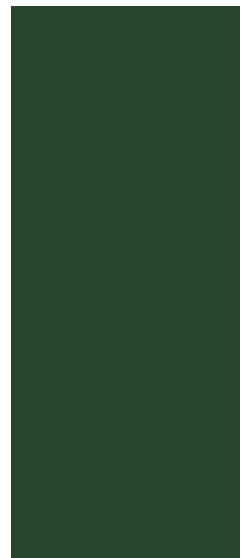
Battery based energy storage: → transforming buildings into power flexibility assets

29.11.2018 Ole Jakob Sørдалen @ Økern Living Lab

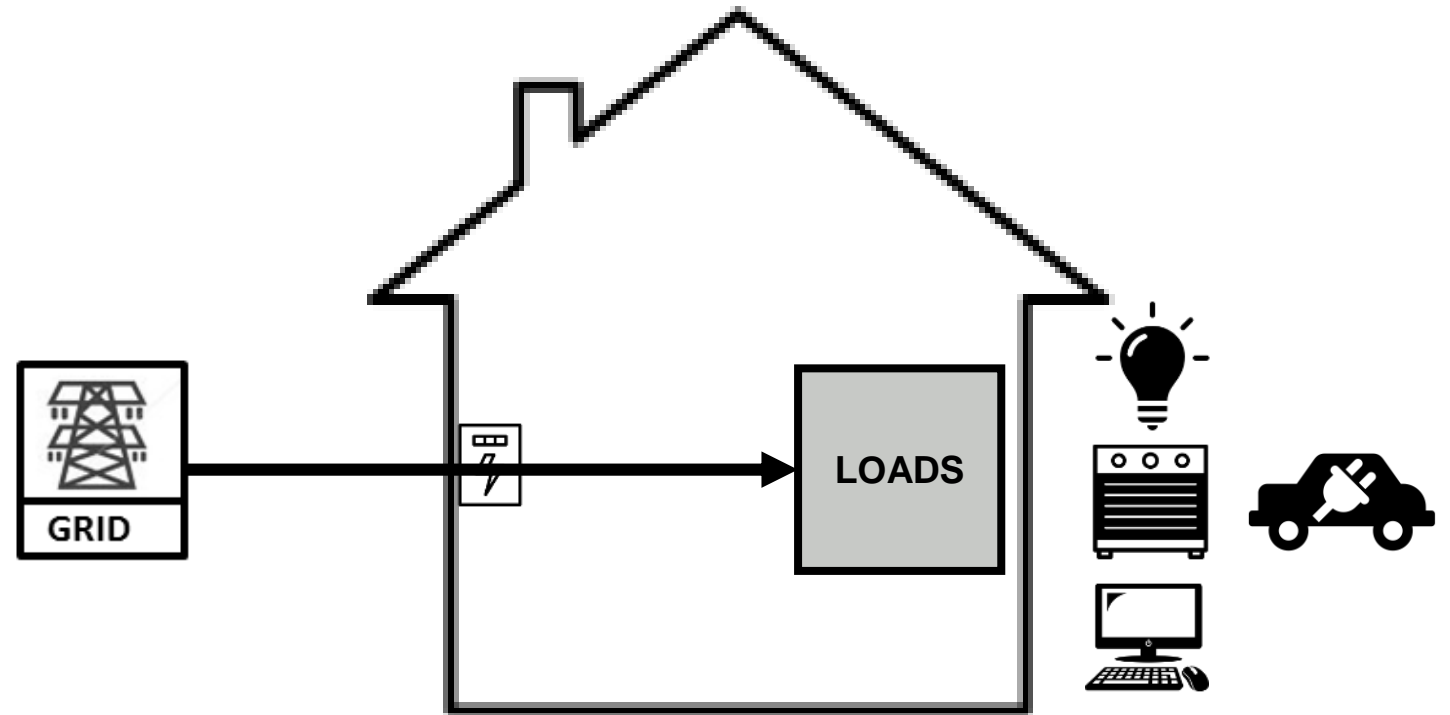
ole.jakob.sordalen (at) pixii.com



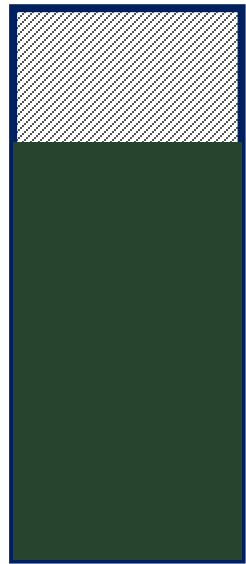
A traditional building: a consumer in the electricity system



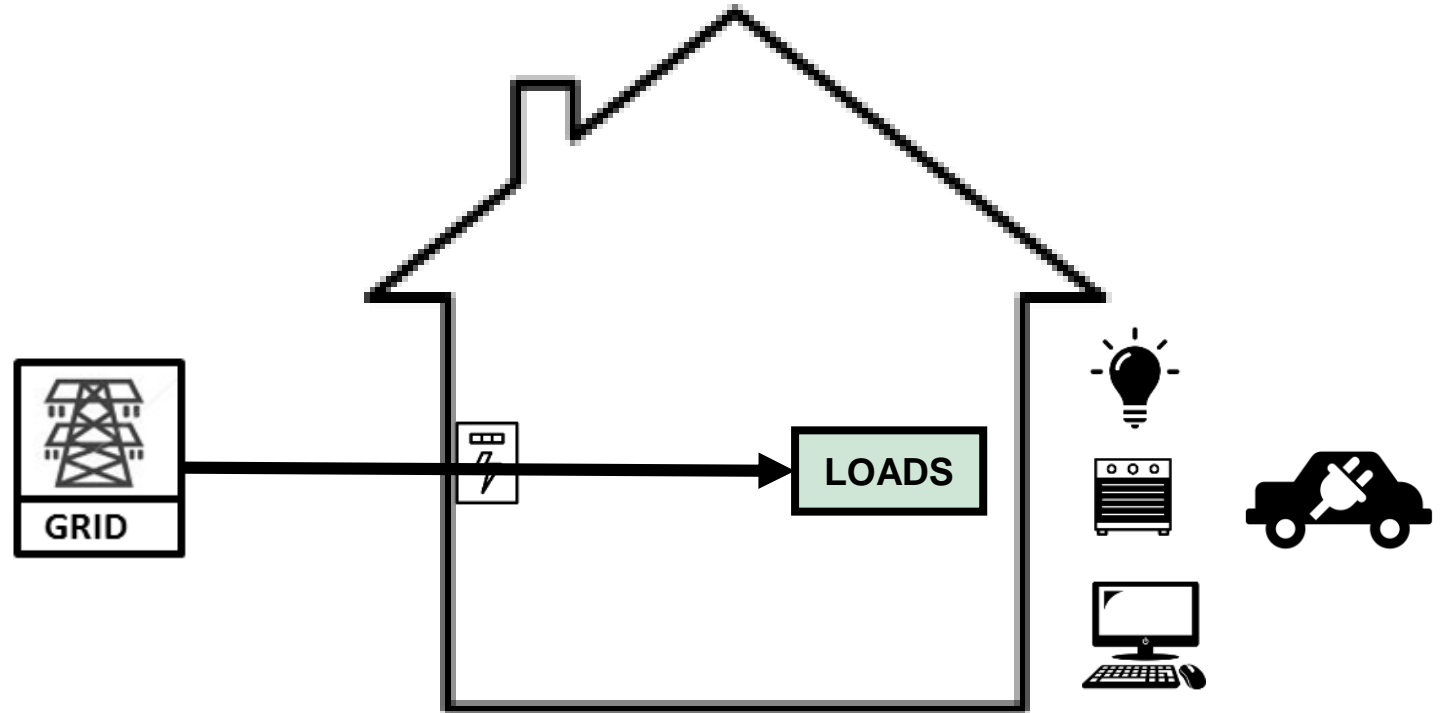
kWh/year



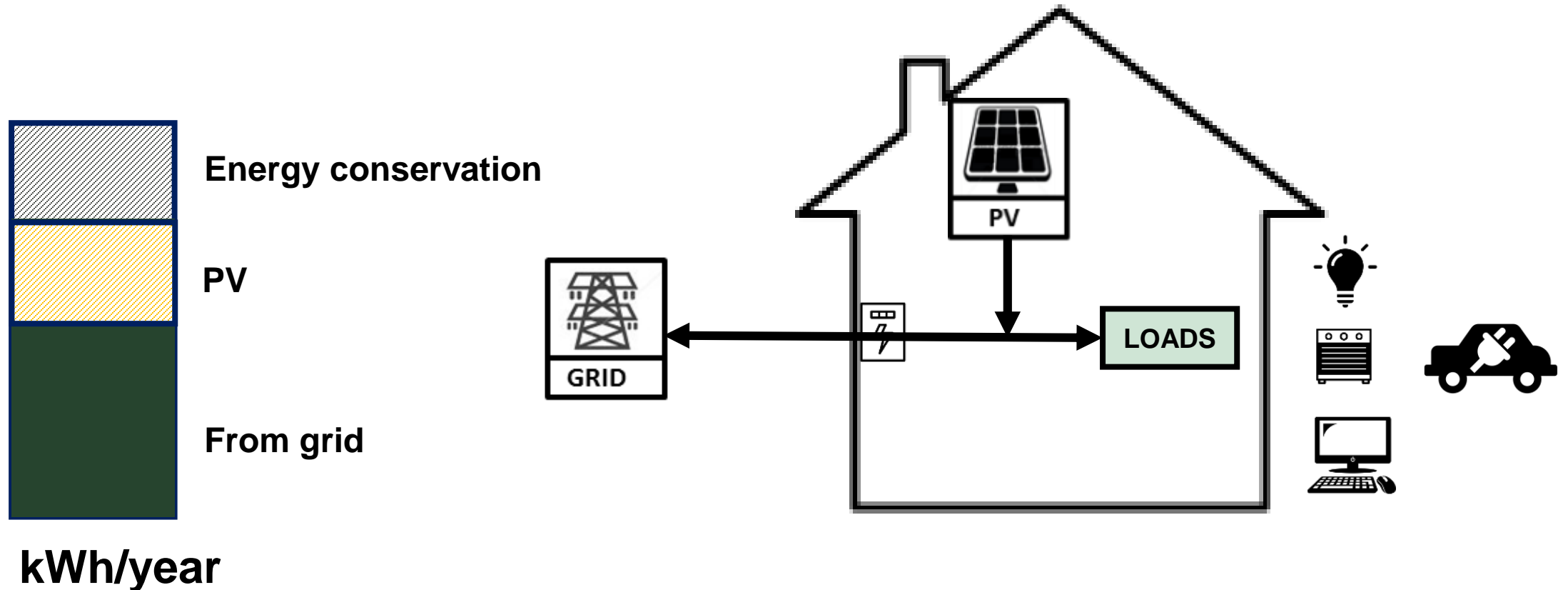
A «greener» building: more energy efficient and lower total consumption (kWh)



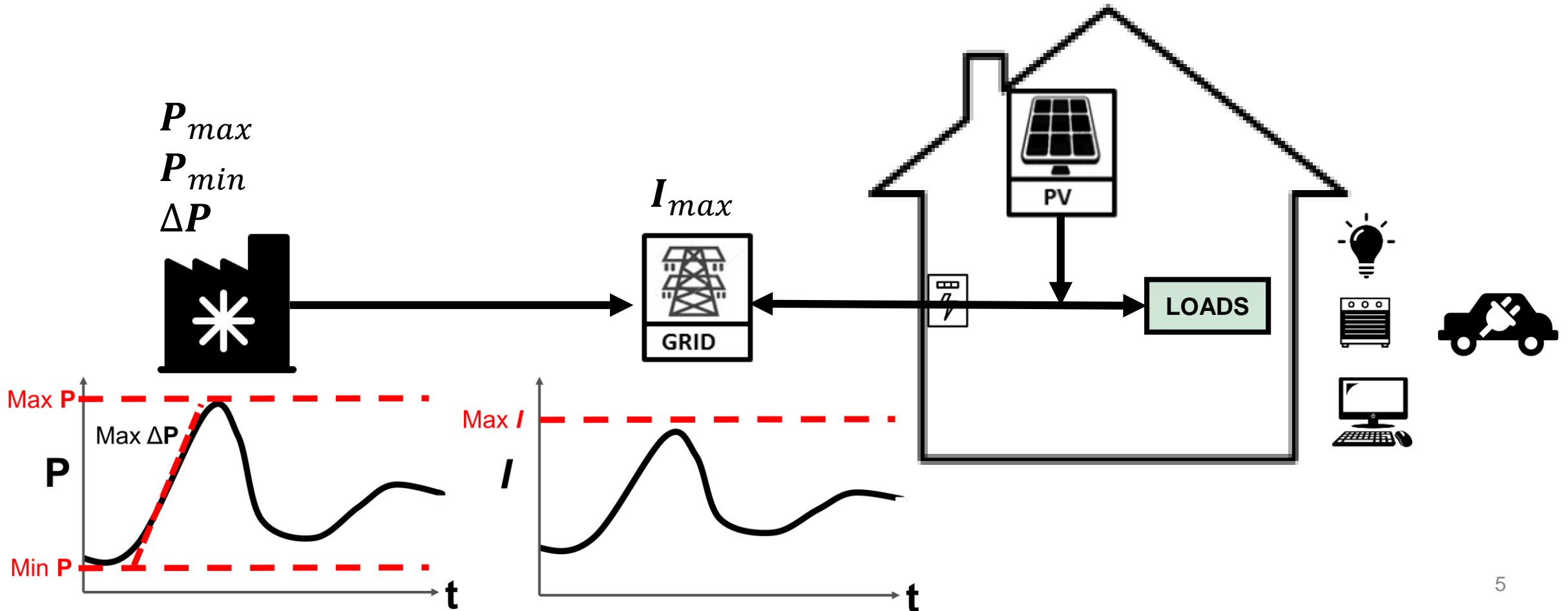
kWh/year



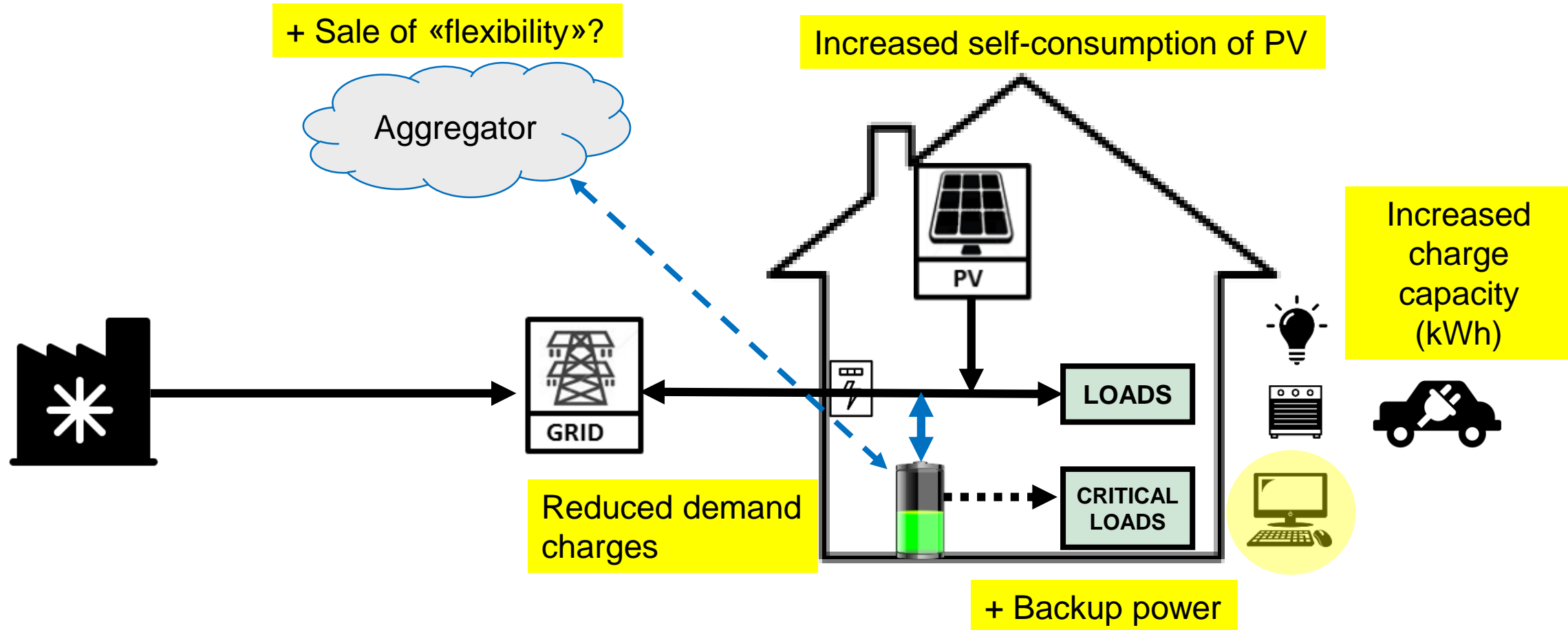
An even «greener» building: local energy production and lower energy from grid (kWh)



Constraints in electricity system → **TIMING** of power consumption matters!



«Green buildings» with **smart energy storage**:
from possible problem source to valuable flexibility asset!



Pixii makes systems for battery-based energy storage

•• TECHNOLOGY:

- Bi-directional AC/DC converters
- Modular & scalable systems
 - 3-120kW per system
- Configurable, advanced functionality





With Pixii enabling the «passive houses» at Økern to be «live» and smart, some brands might have to change...

SMART
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