



Collective self-consumption an alternative to storage

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SOLARISE event : Energy storage concepts

9 March 2021

Enogrid : facilitating collective self-consumption



Inform

the futurs project leaders



Support

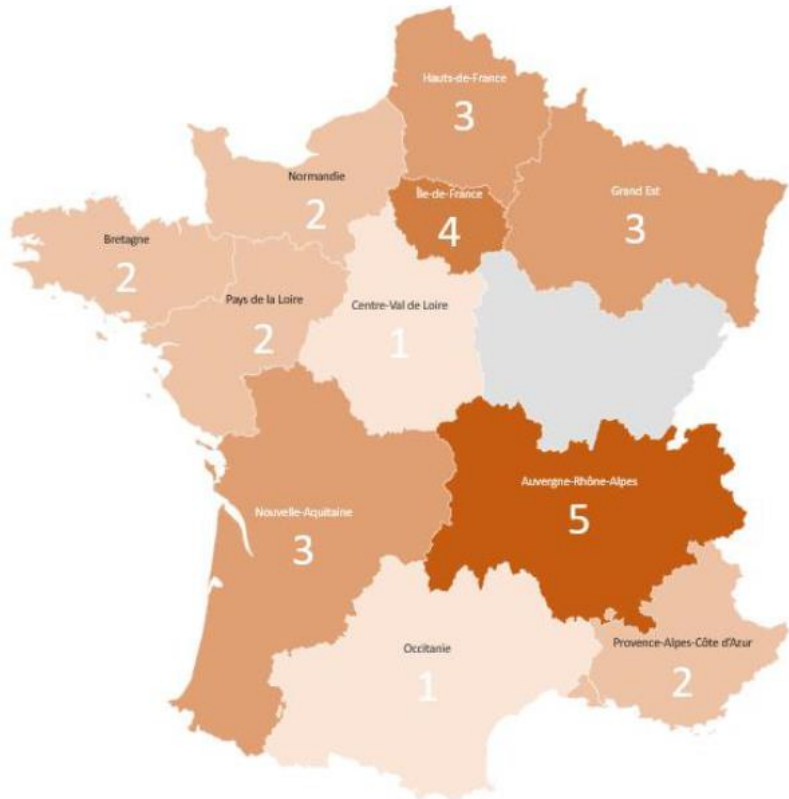
the implementations



Manage & optimize

the operations

Our experience on collective self-consumption



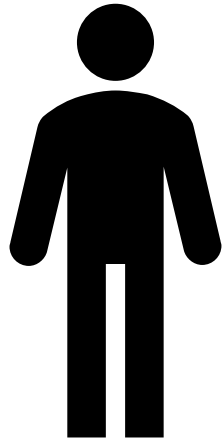
- **28** supported projects
- **15** projets in operation our web plateforme



- Mostly **PV** production
- Mostly lead by **local authorities** and **social landlords**

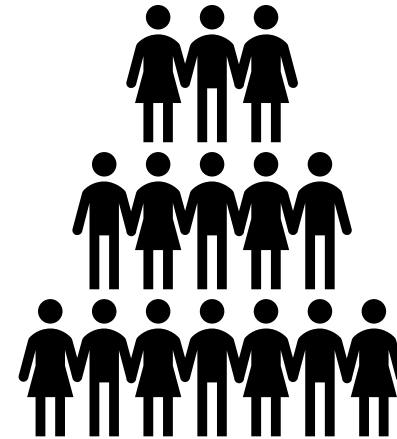
French regulatory frame work for self-consumption

Individual



One consumer produce
the electricity that he uses

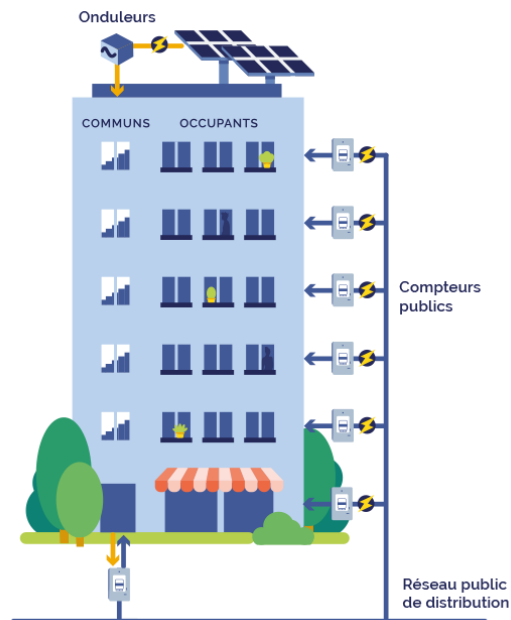
Collective



Electricity is supplied between one or more
producers and one or more final consumers,
connected within a legal entity

Collective self-consumption : 2 models

Basic



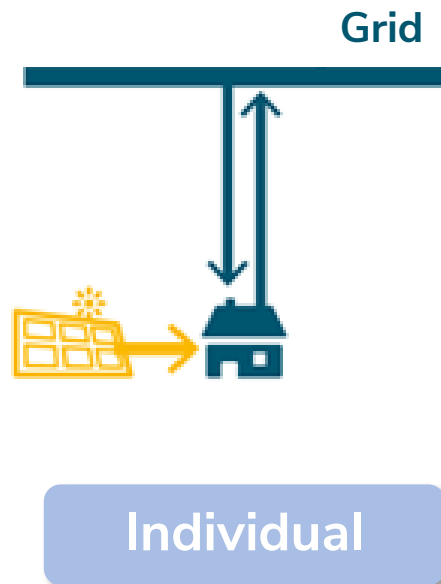
- ✓ Same building
- ✓ Low voltage or high voltage network
- ✓ No power limitation

Extended



- ✓ 2 km max between participants
- ✓ All connected on the low voltage network
- ✓ 3 MW max for the production

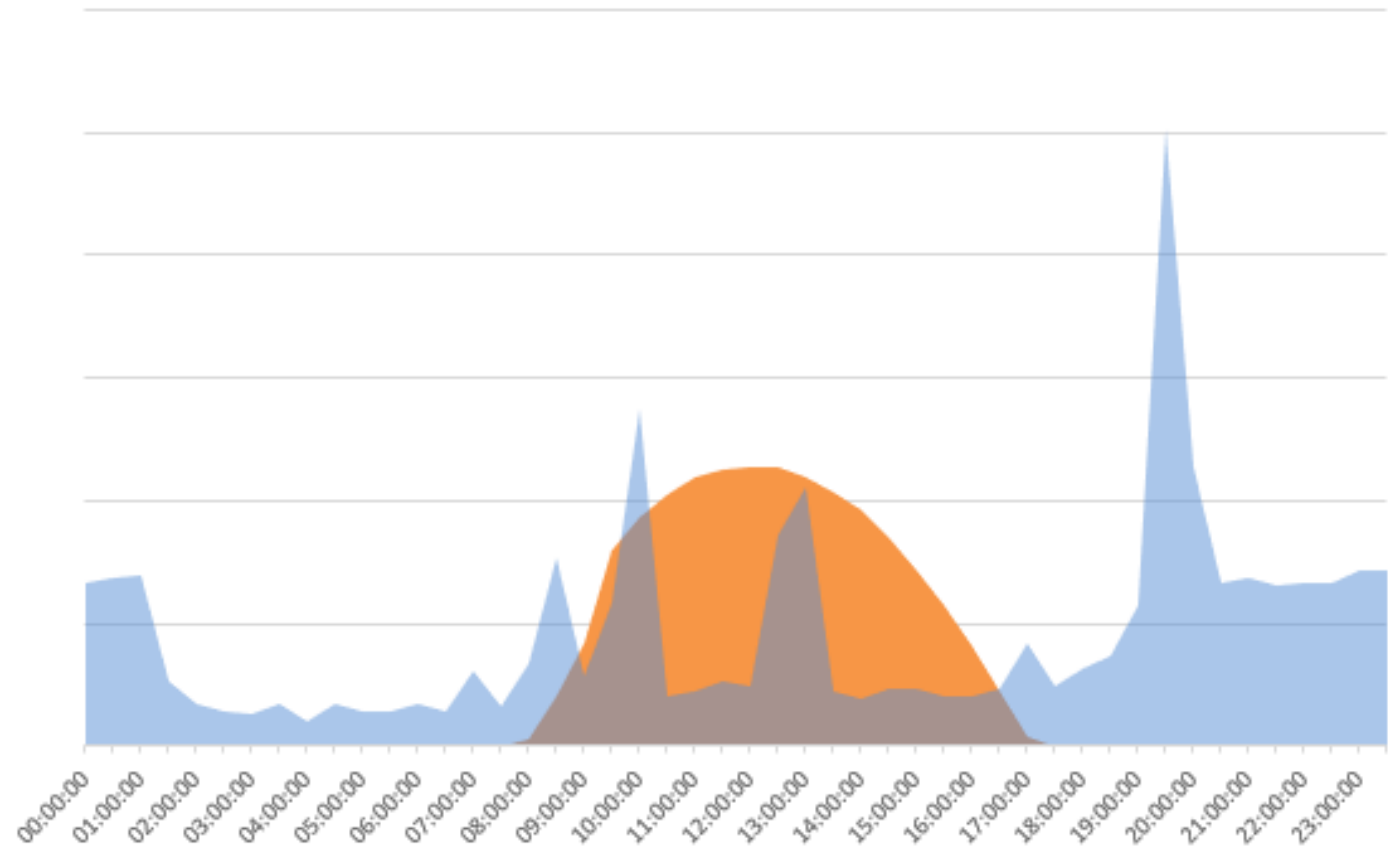
Link between individual and collective self-consumption



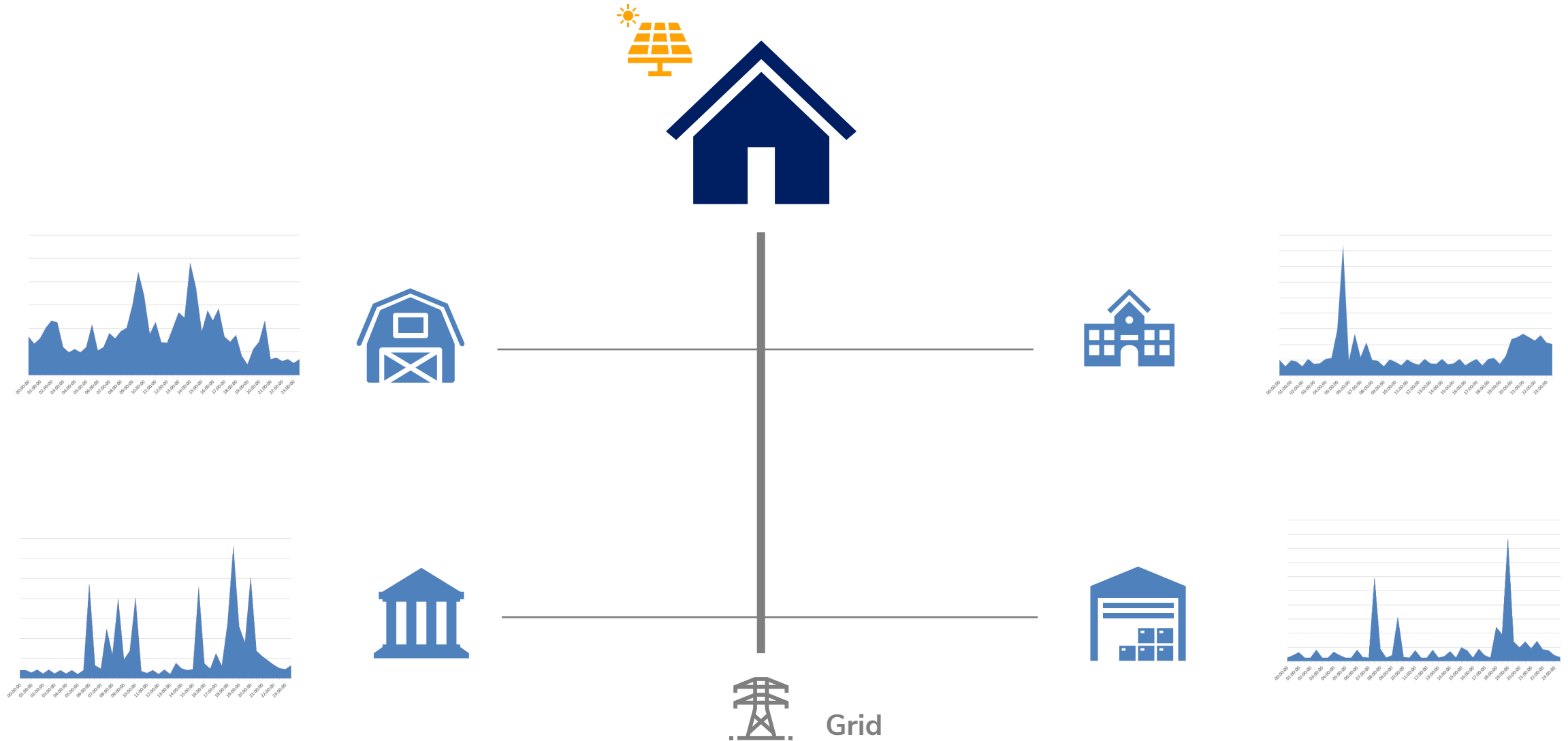
Collective self-consumption as alternative to storage



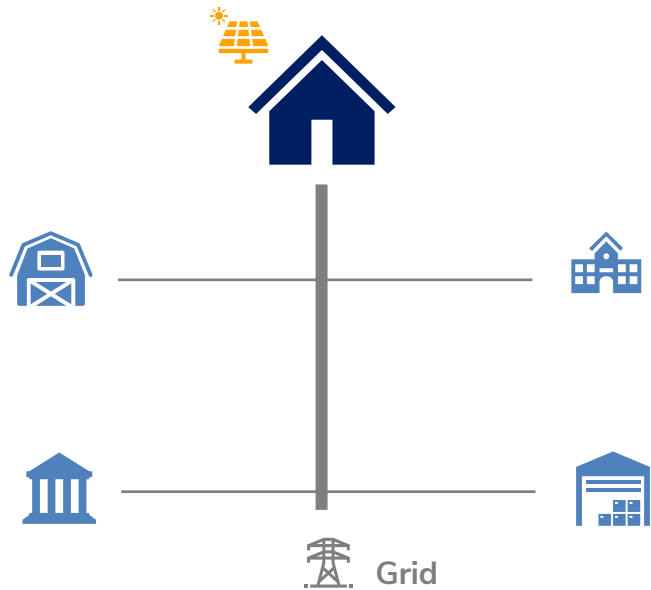
- PV production
- Individual self-consumption
- **Self-consumption rate : 64 %**



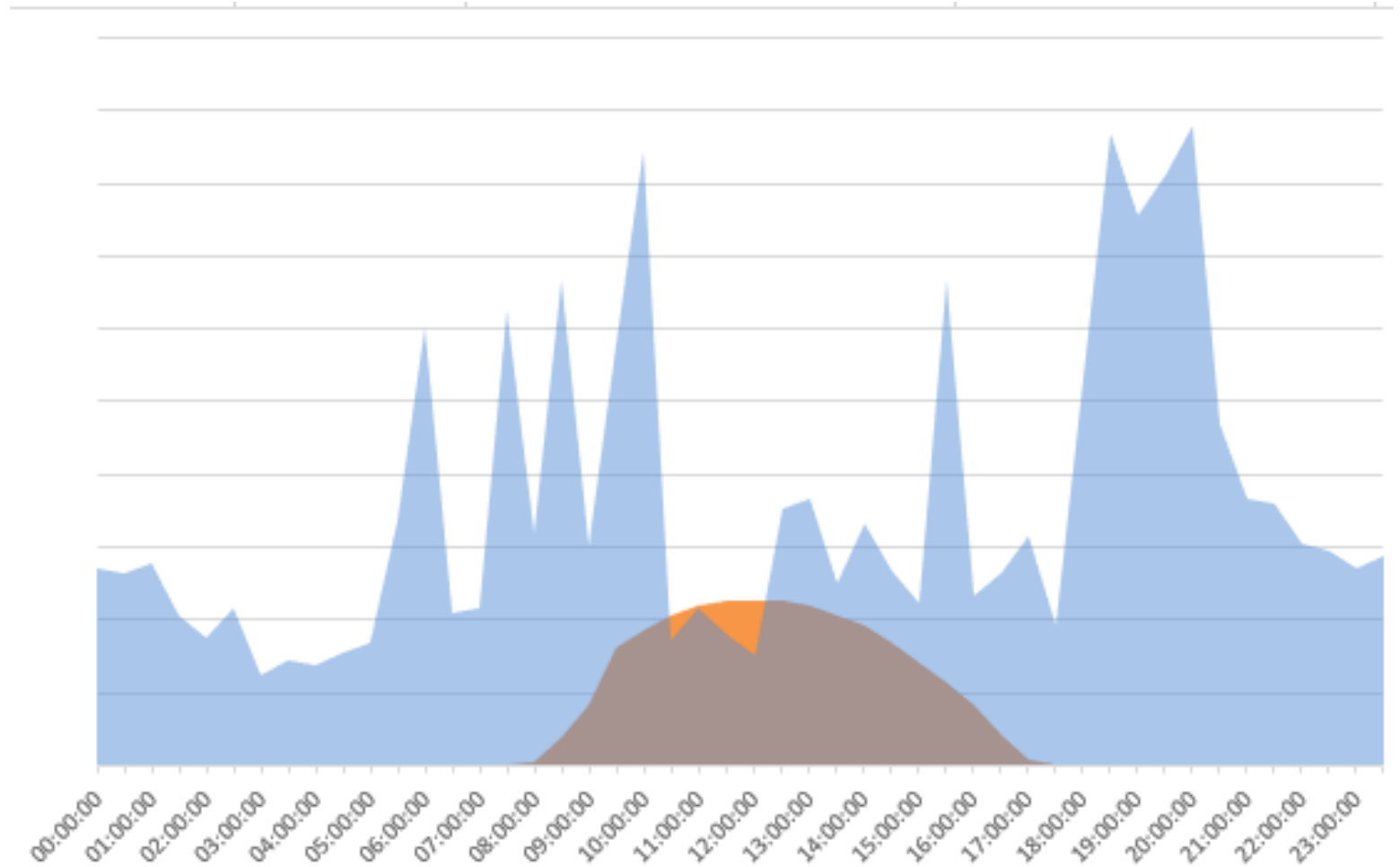
Collective self-consumption as alternative to storage



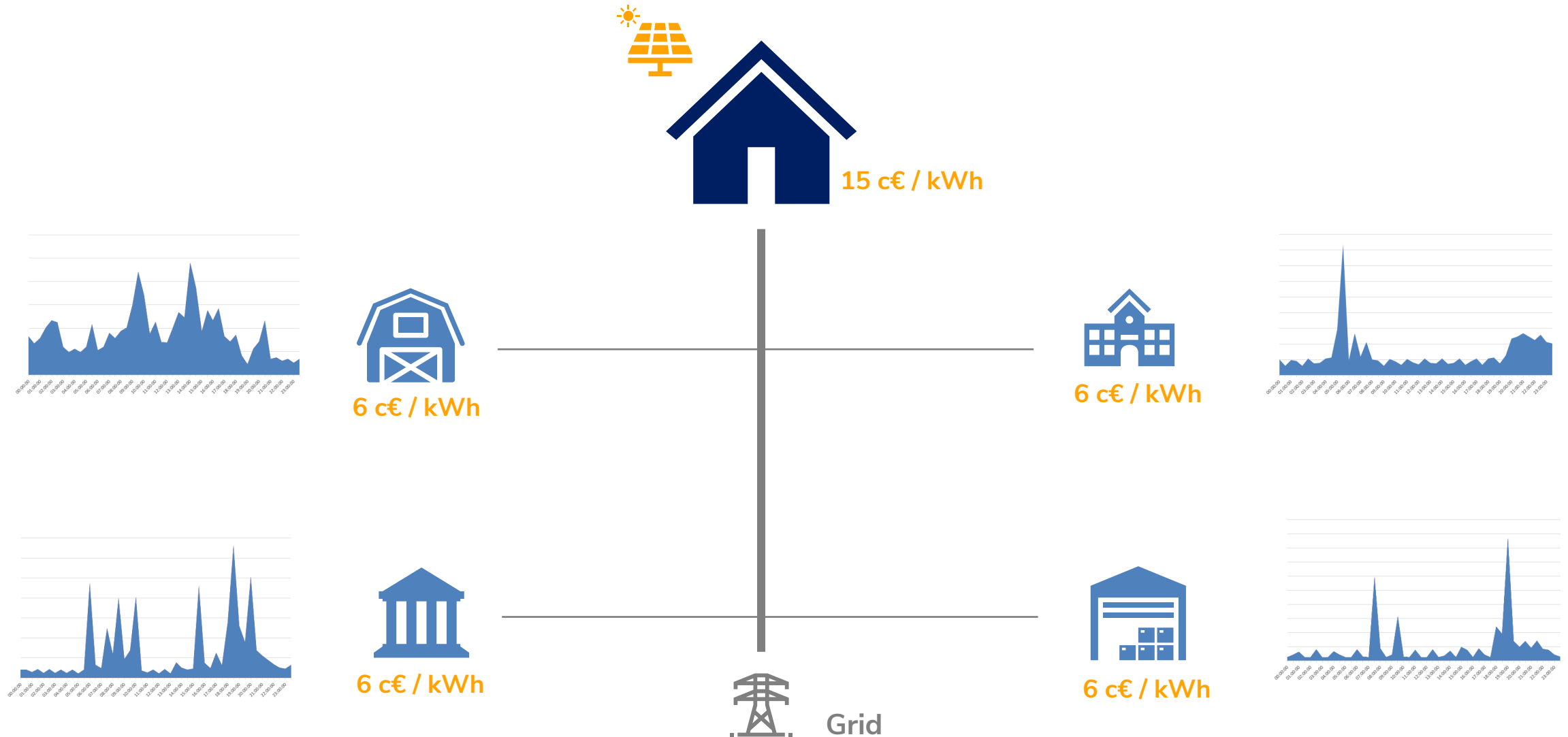
Collective self-consumption as alternative to storage



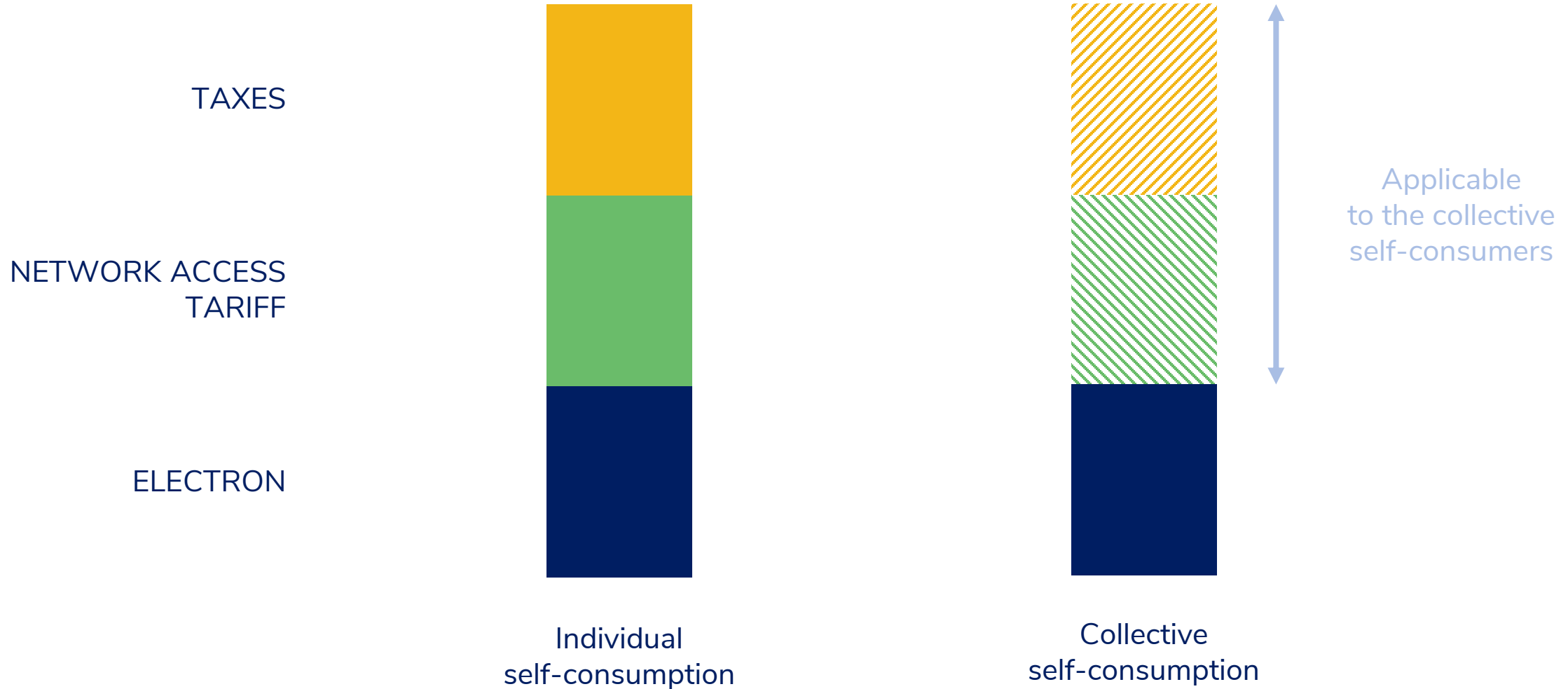
- PV production
- Collective self-consumption
- Self-consumption rate : 94 %



Collective self-consumption as alternative to storage



Value of the local production



Thanks for your attention !



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Réussir votre projet
d'autoconsommation collective