

Interreg 2 Seas Mers Zeeën **SOLARISE**

European Regional Development Fund



Low-carbon technologies

TOTAL PROJECT BUDGET:

4.35 M €

INCLUDING AN ERDF BUDGET OF:

Menno van den Donker, Hugo de Moor, Ad Breukel, Ronald de Bruijn, Annet Hannewijk, Tiny Maenhout

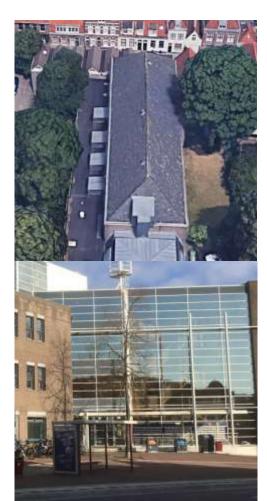


Many buildings have been reviewed...













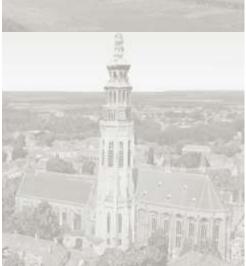




Many buildings have been reviewed... Three cases presented today

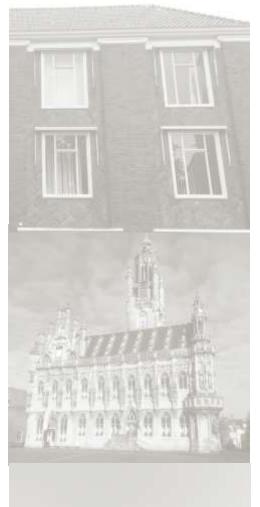






















$$\begin{array}{c}
\overline{E} = \sum_{i=1}^{n} F \\
\overline{E} = \sum_{i=1}$$

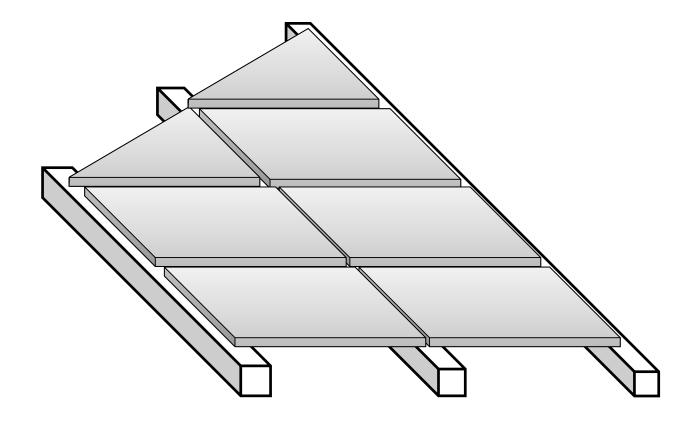
Φ= SBcos ads



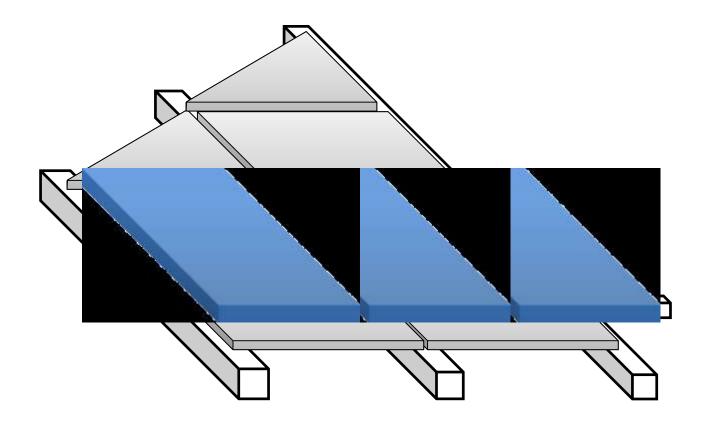




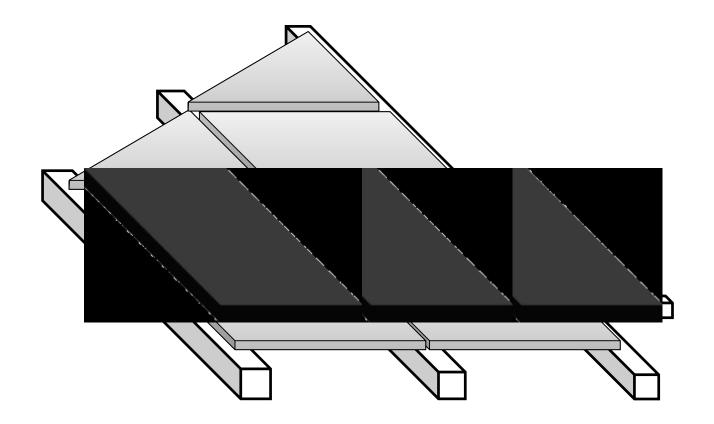




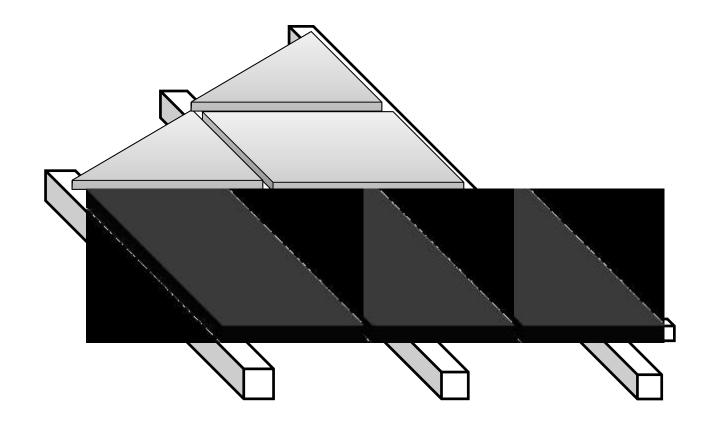




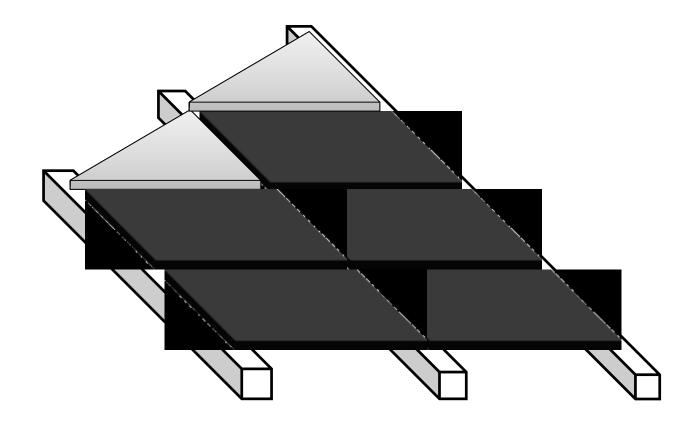




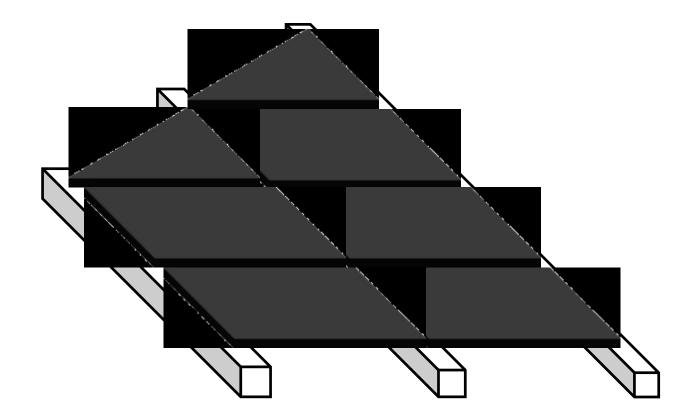










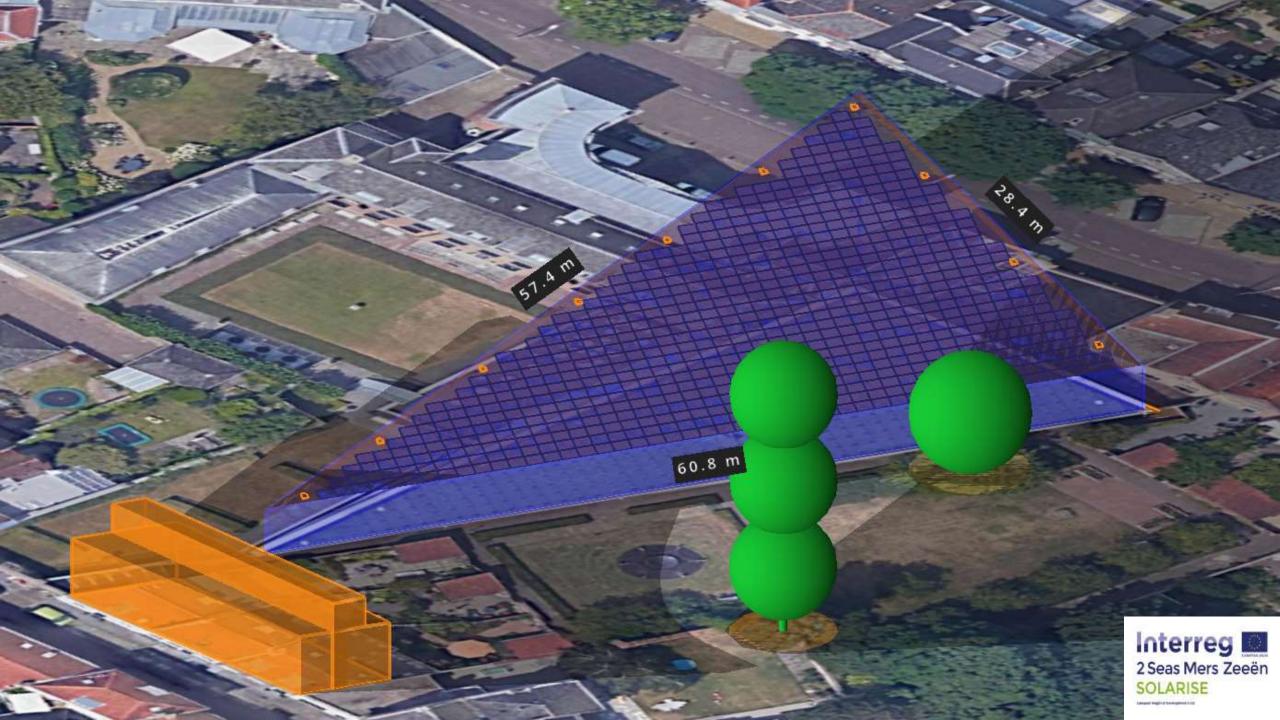




Can it be done?

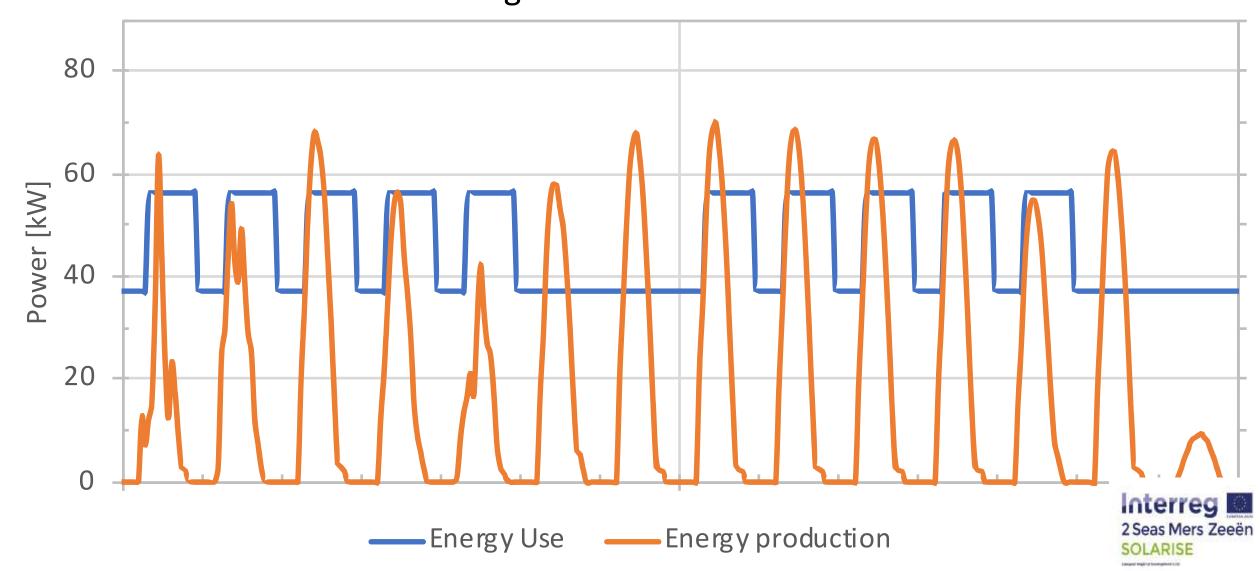


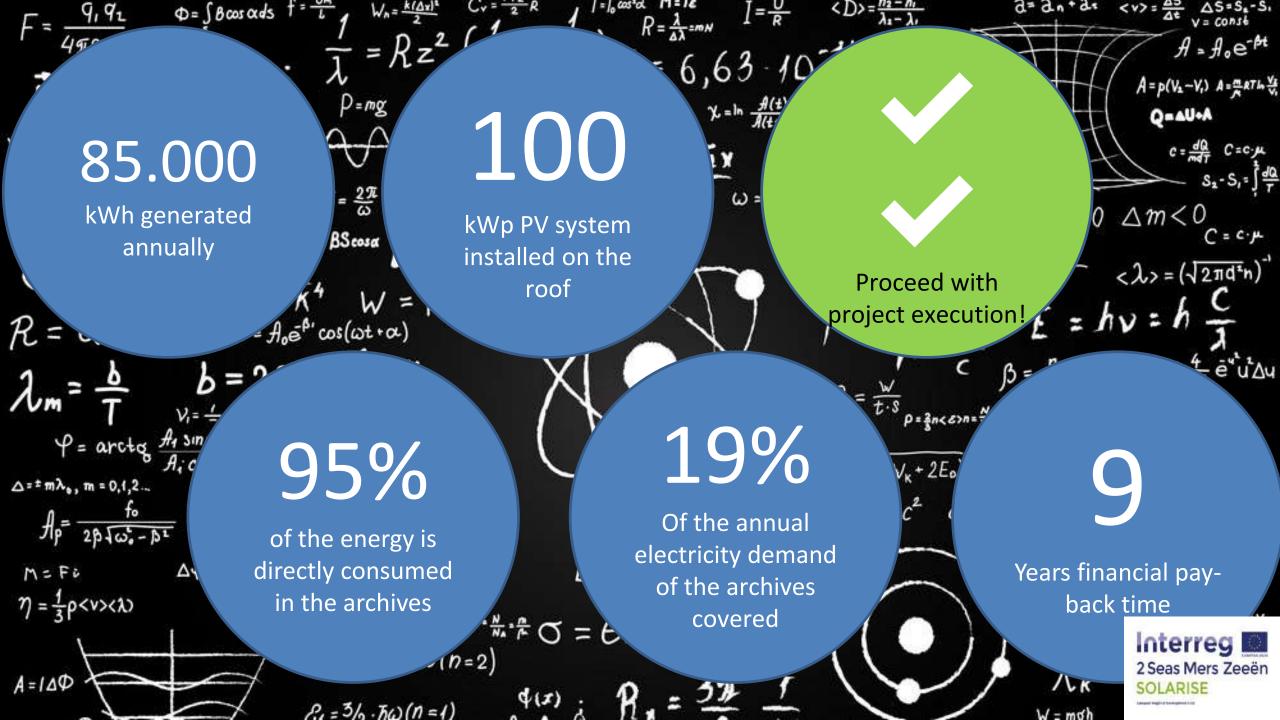




Example energy use & energy production

during two summer weeks







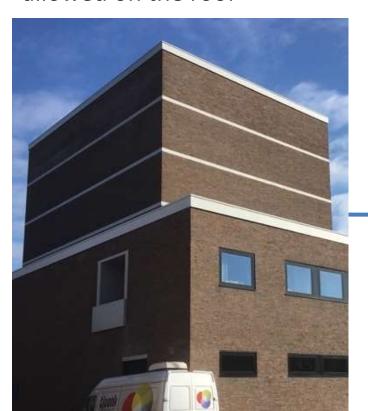




Three levels of PV deployment

Conservative case:

"We don't want to change the building - PV is only allowed on the roof"

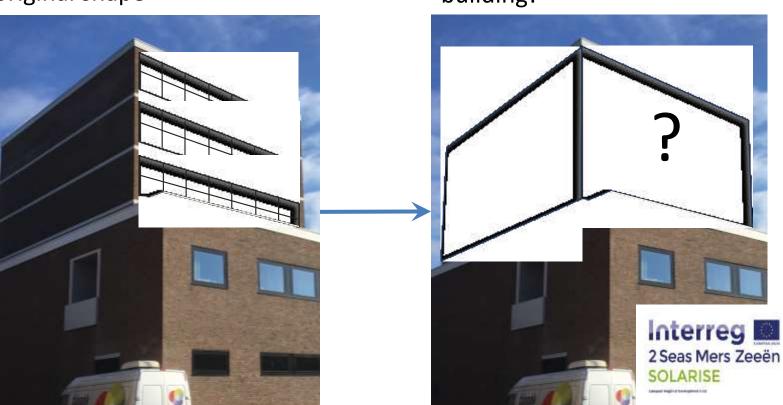


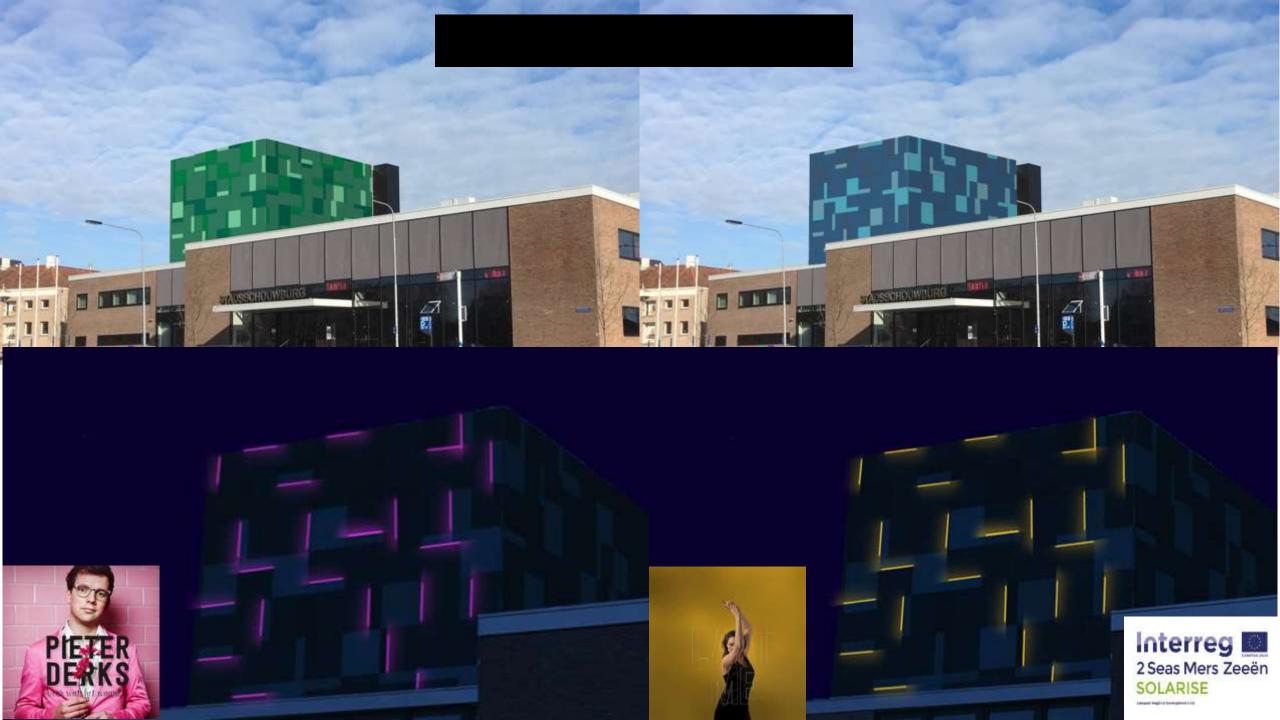
Basic case:

"PV is allowed – But the building should be kept as much as possible in the original shape"

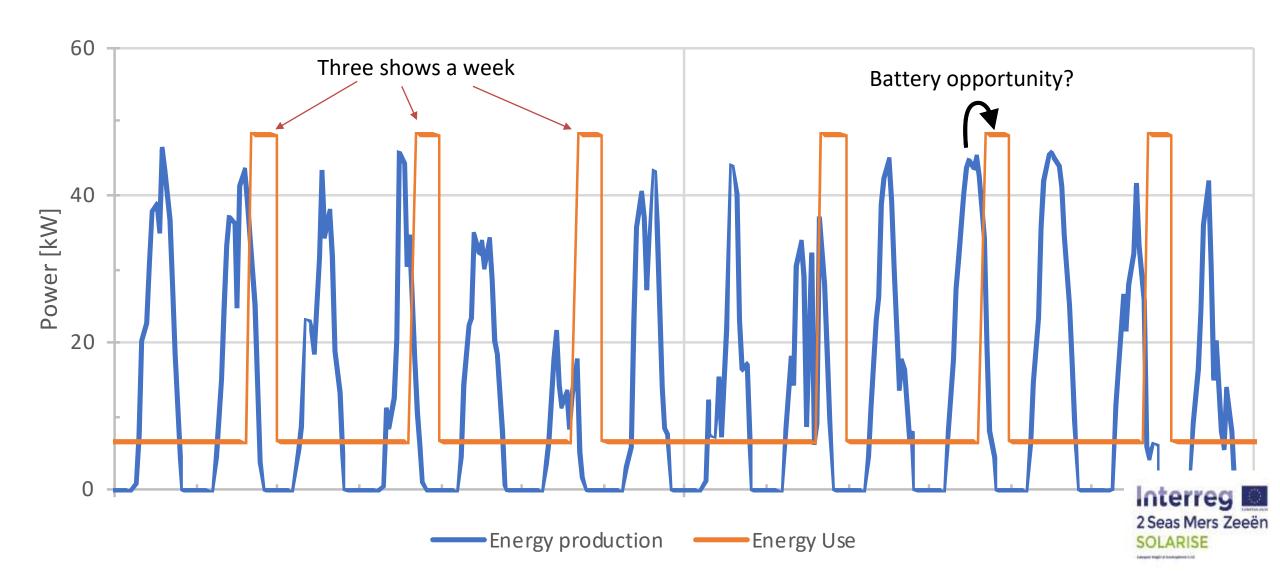


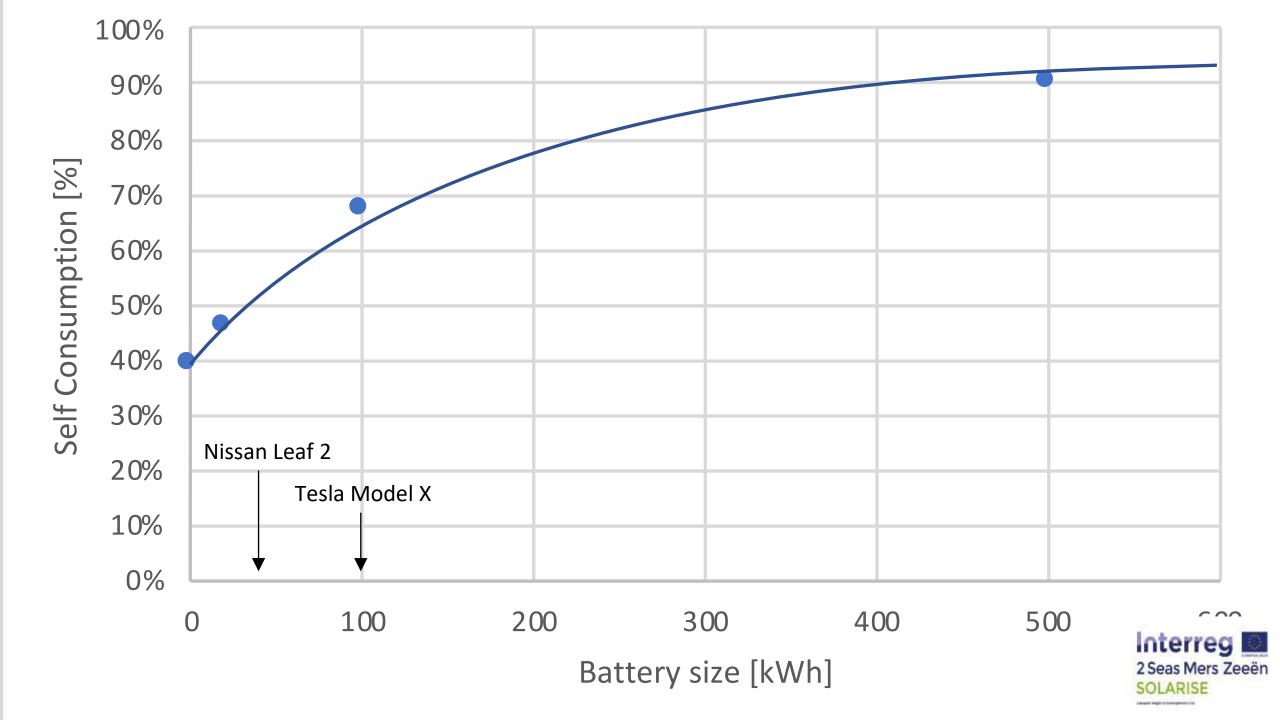
"PV is an opportunity to redesign the façade and improve the communication and aesthetics of the building!"

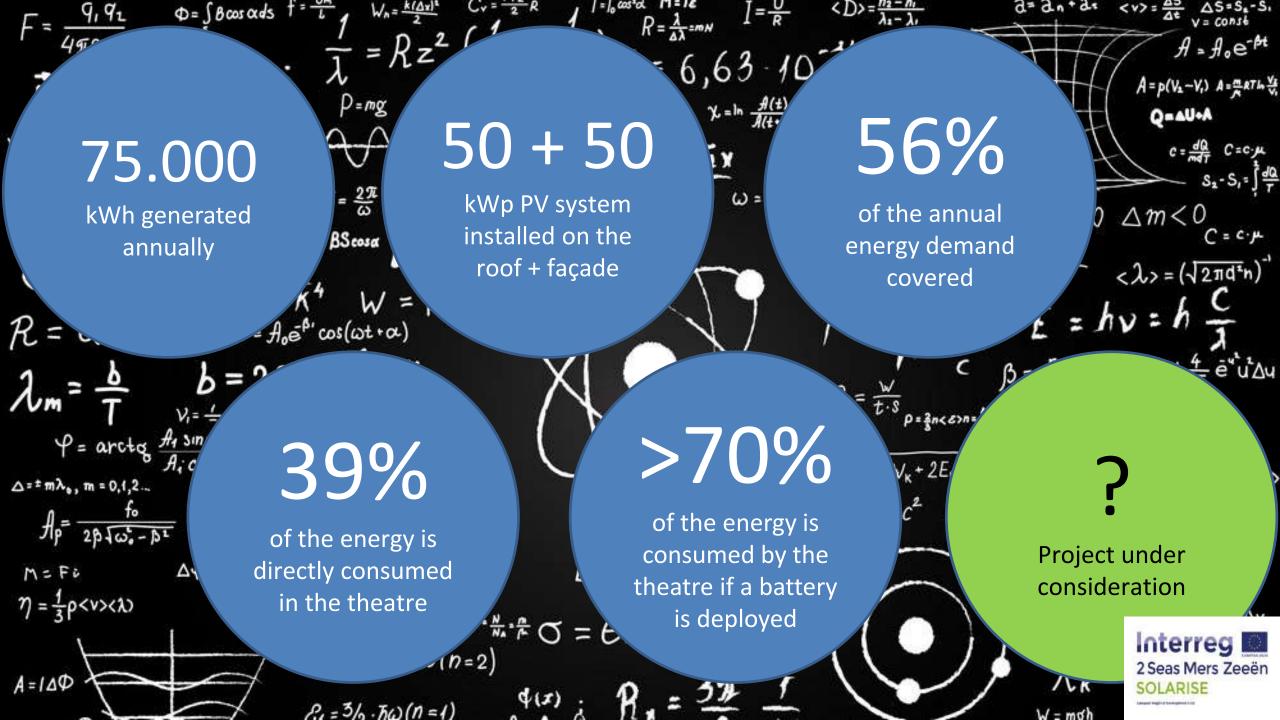




Example energy use & energy production during two spring weeks







Three down... many more to go!









