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# triangulum

DEMONSTRATE · DISSEMINATE · REPLICATE

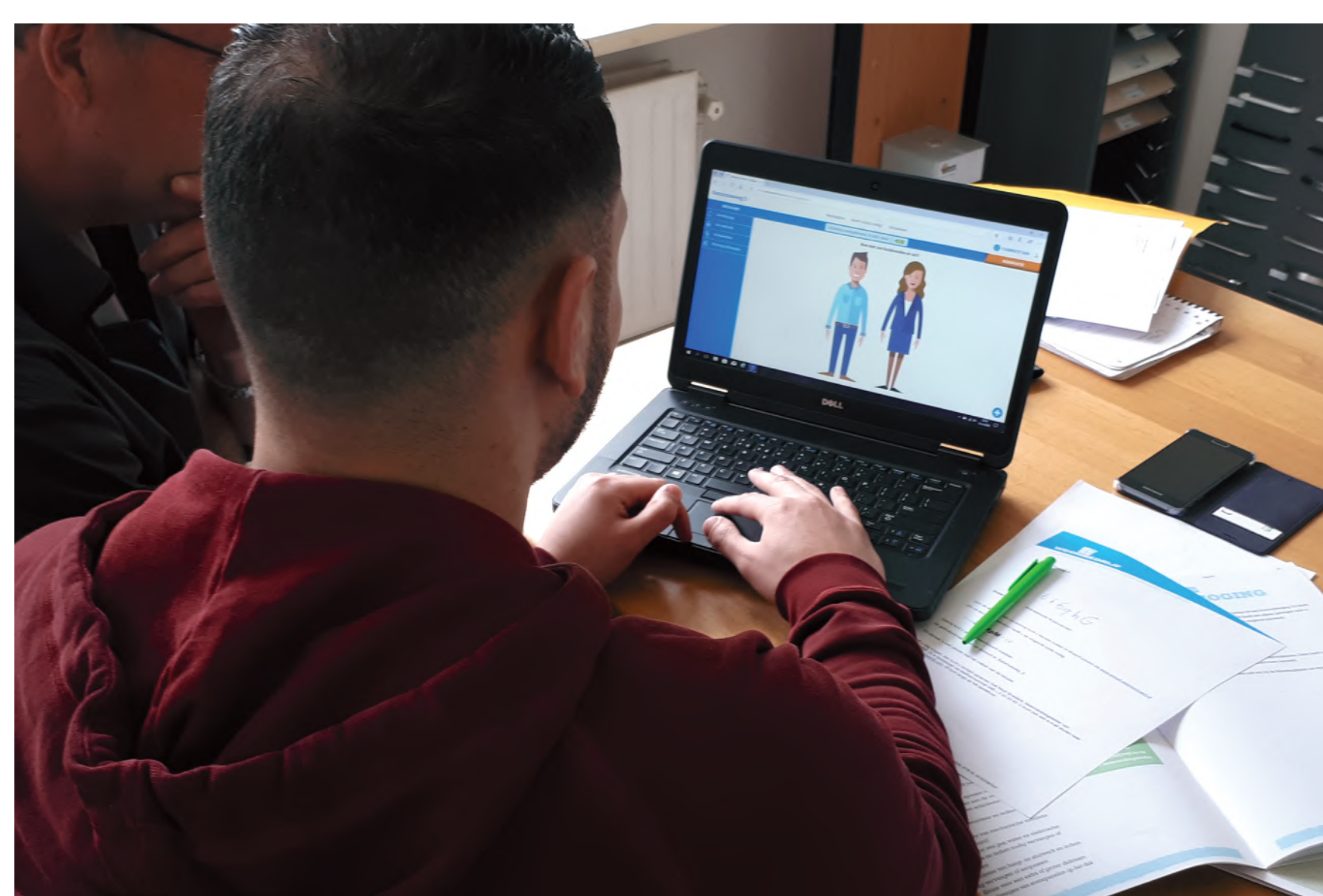
## EINDHOVEN LIGHTHOUSE CITY ENERGY



The tool presenting integrated solutions to the tenant  
Credits: Woonconnect

### Visualisation Tool Woonconnect

The 3D-ICT tool *Woonconnect* facilitates an interactive refurbishment process by allowing families to manage their own energy consumption. The tool visualises chosen measures and presents the cost effects in terms of rent or expenses. It enables tenants to compose their own combination of measures and also to plan the moment of realisation.



A tenant using Woonconnect  
Credits: Woonconnect

### Renovation of Family Homes via ICT

On Woonconnect, families can view their own house as a digital 3D-model. When they add energy saving modifications like soil panels, roof insulation or extra windows, the system calculates their energy bill. Woonconnect is being used for the renovation of 140 houses.



Schoolchildren opening the lighting route  
Credits: Jos Lammers

### Public Space for a Sportive Lifestyle

The running route, located in a public park with several ponds, is a smart light solution to trigger a sportive lifestyle. It also enables interaction between residents during walking and running, thus facilitating a better feeling of community. Dimmable lights were placed on the right side of the ponds to emphasize the beautiful surroundings and for an increased feeling of safety in the dark.

### Website

[www.triangulum-project.eu](http://www.triangulum-project.eu)



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