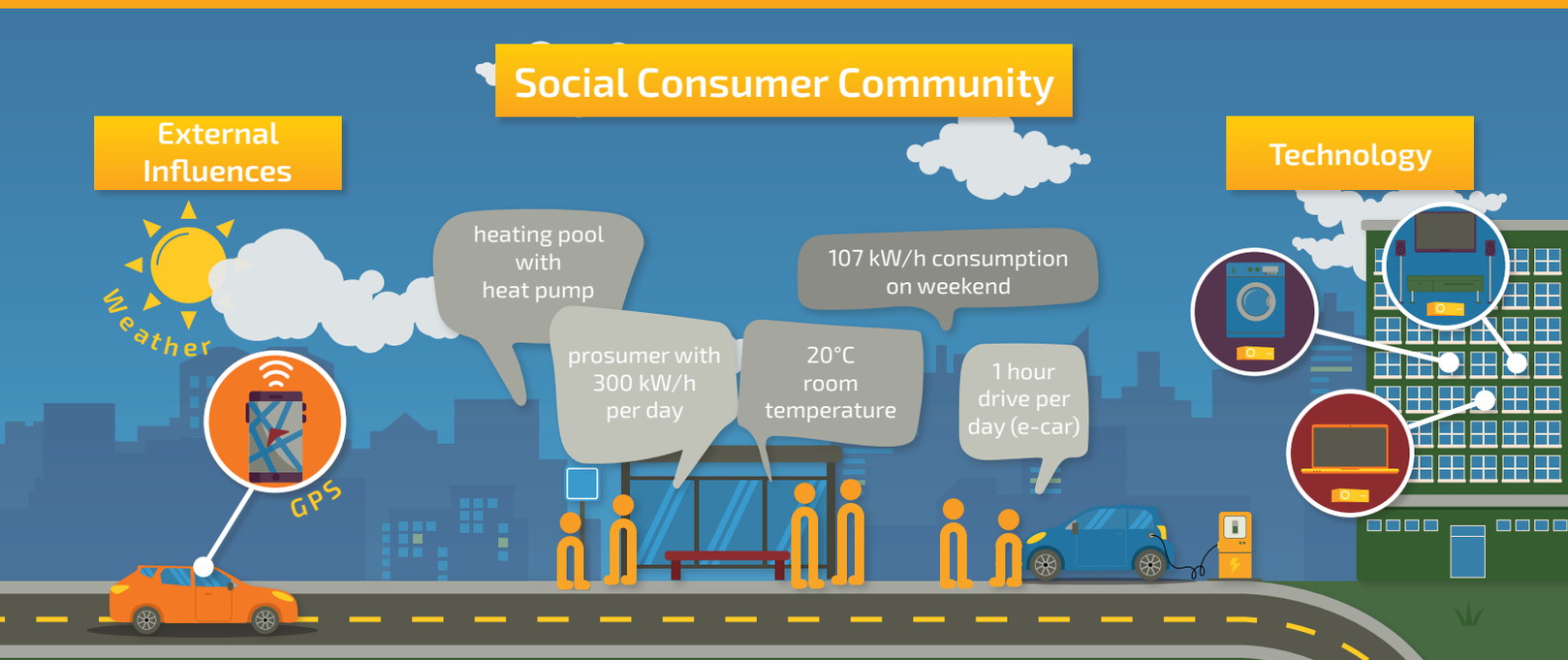
ReDREAM
change your energy

It is one of the crucial challenges in a successful energy transition - the efficient use of renewable energy. Sun and wind produce energy when it is not needed and, conversely, energy is demanded when it is not produced. The ReDREAM project is looking for a solution to this problem. Above all, it will empower consumers to contribute to sustainable and efficient use of energy and contribute to the energy transition through their behaviour. Their electric cars and heat pumps can for example be used to balance energy supply and demand. The ReDREAM social energy community is the core. It facilitates exchange between participants about their energy use and uses digital tools that enable the consumer to significantly influence the efficient use of energy based on external factors (e.g. the weather).



Education

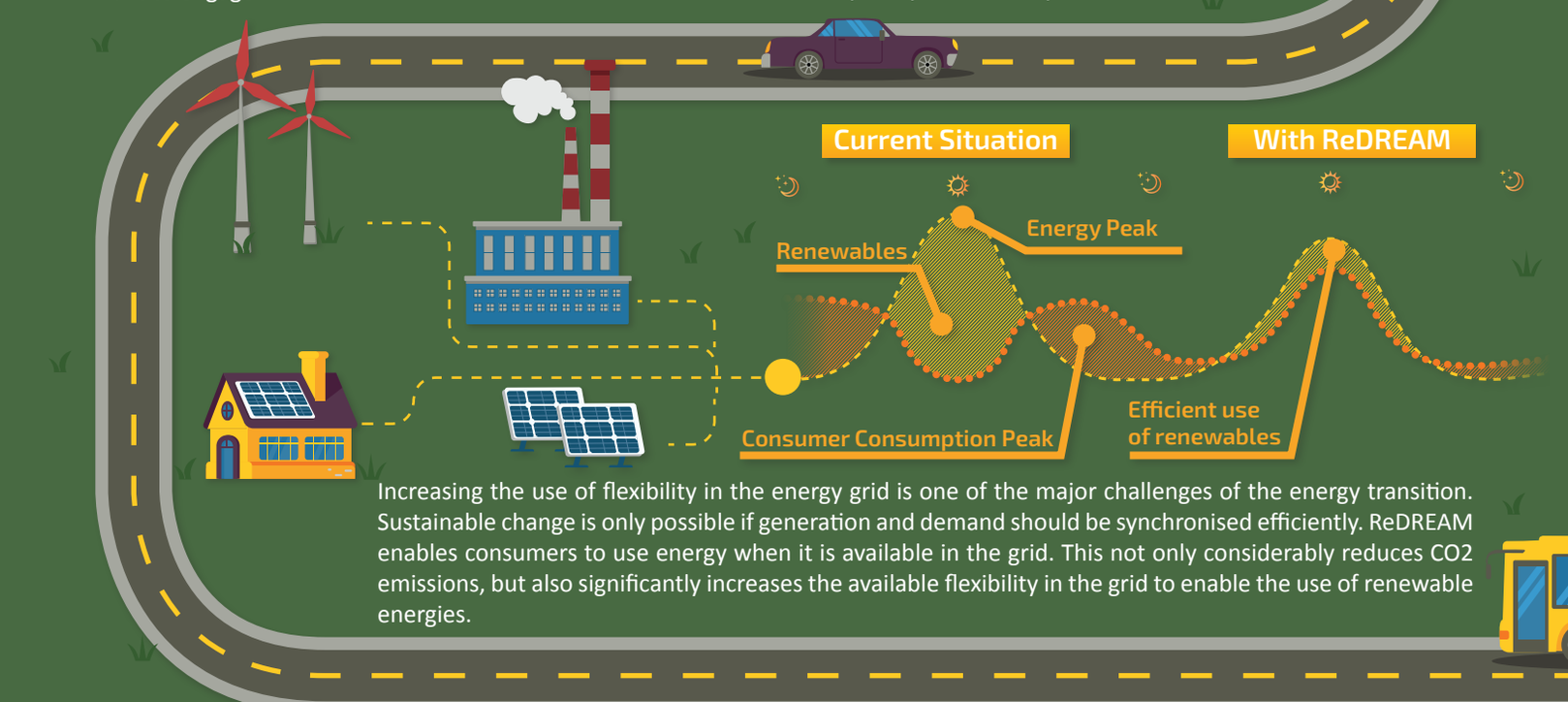
Consumer behaviour will only change if they know what influence they really have. During the project, it is important to find out how, in what format and with what content consumers really want to engage.

Gamification

Entertaining elements should encourage consumers to exchange experiences and knowledge and to get involved in their network. Discovering, experiencing, sharing - gamification is an important element of ReDREAM.

Digitisation

Smart technology that helps consumers use energy sustainably is the foundation of ReDREAM. The project team relies on existing technologies and devices, such as smart meters, as well as completely new developments.



Increasing the use of flexibility in the energy grid is one of the major challenges of the energy transition. Sustainable change is only possible if generation and demand should be synchronised efficiently. ReDREAM enables consumers to use energy when it is available in the grid. This not only considerably reduces CO2 emissions, but also significantly increases the available flexibility in the grid to enable the use of renewable energies.

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