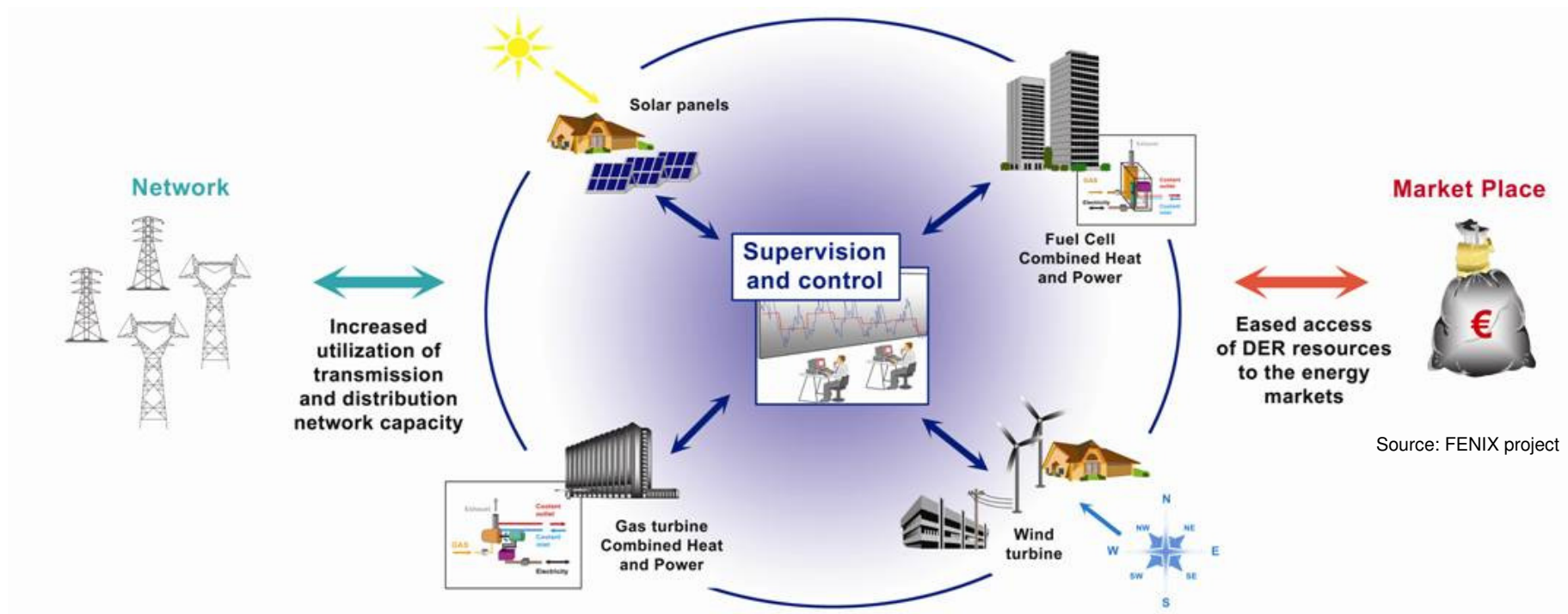
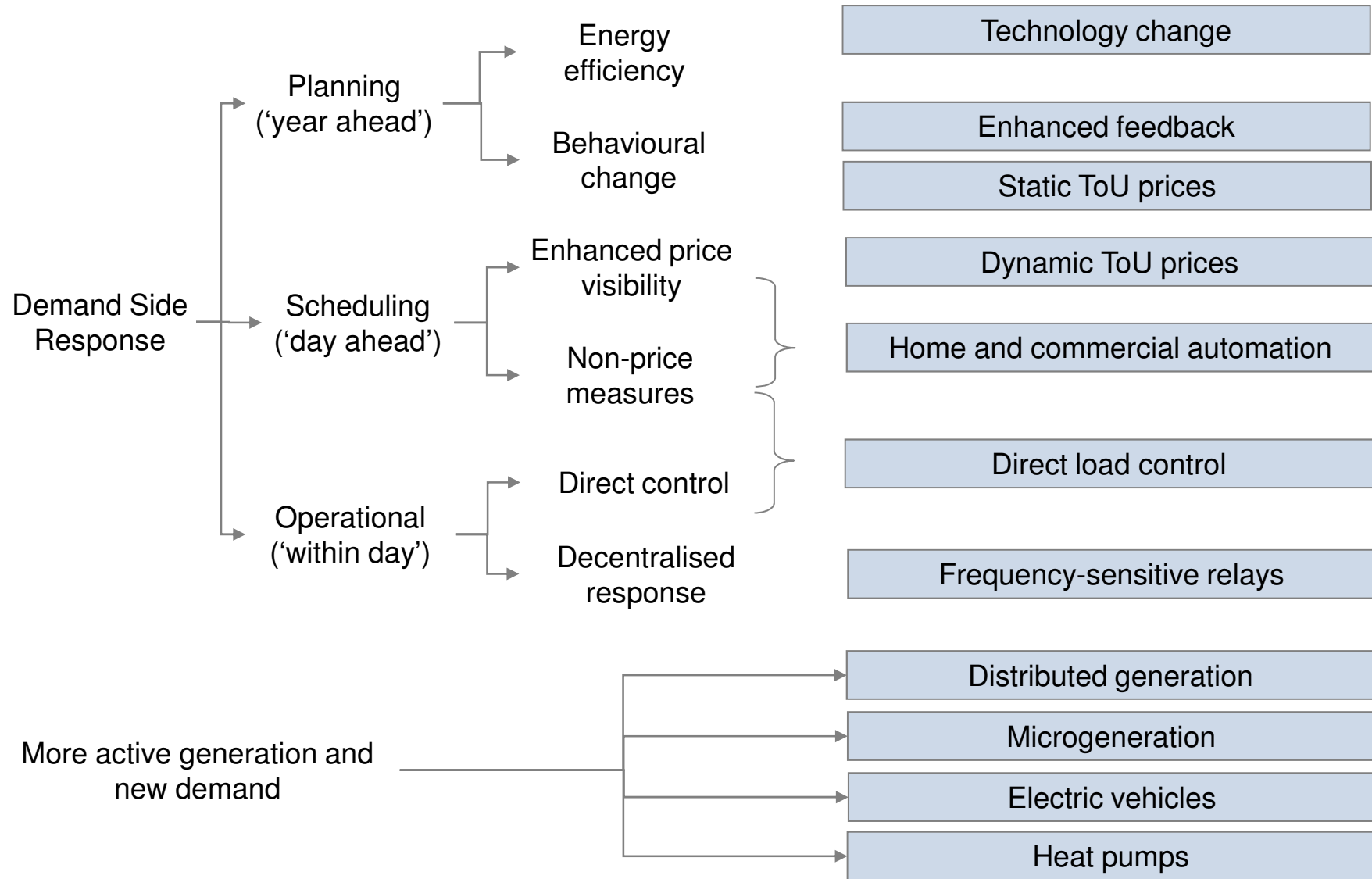


DSR can offer network benefits in addition to market benefits

However, it may not be possible to address both network and market problems at the same time



Demand response classification



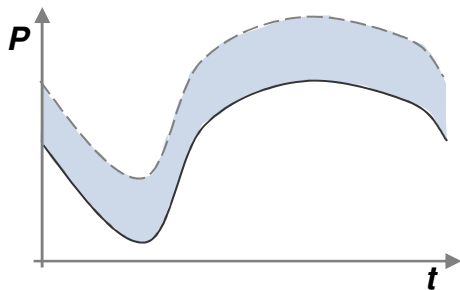
Key messages

- Measures that improve energy efficiency or rely on modifying electricity users' behaviour consistently reduce customers' total energy demand, with reported savings often in the range 5% - 15%
- Introducing automation in the home and in commercial and industrial settings significantly increases the potential for peak reduction
- Underlying technology and the method of implementation both affect the effectiveness of demand-side response programmes

We looked at a range of indicators for each demand side measure

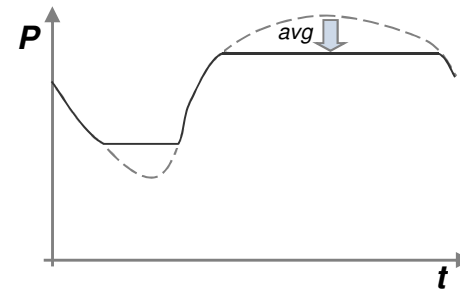
Average power reduction

- Net reduction in demand resulting from the demand side response measure



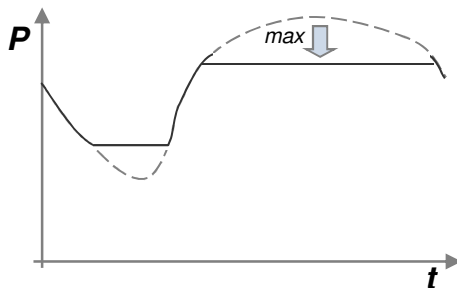
Average peak reduction

- Average reduction in the annual demand peak



Maximum peak reduction

- Maximum reduction achievable in the daily peak



Flexibility added

- Percentage of additional load that can be shifted within the day

