

Directive (EU) 2015/1535

Notification

from Norway

Requirements concerning the use of solar energy in the construction of new large commercial buildings

Separate file to the notification form

15. Impact assessment

Profitability assessments have not been carried out for 'solar-ready buildings'. Facilitation is assumed to entail some increased costs in terms of dimensioning, preparation and facilitation of photovoltaic systems.

The Norwegian Building Authority estimates that the additional cost will be in the order of NOK 200-500 per m² of roof surface, depending on location and scope. Good planning and design may help to minimise costs. Energy and cost savings are contingent on the actual installation of solar energy systems, either during construction or at a later date.

It is not always financially viable for private investors to construct buildings with photovoltaic systems. In some cases, photovoltaic systems and other local energy production (such as heat pumps) may be profitable measures, and buildings are constructed with this today. Other changes to the energy requirements are also planned, which in themselves will promote the incorporation of locally produced energy in new buildings where appropriate, without making this a requirement for buildings where it would be unprofitable. A requirement for solar cells or other locally produced energy is therefore not presented as the main proposal in the consultation paper.