

**To:** [EC PRESIDENT VDL](#)  
**Subject:** South Europe Solar Plan  
**Date:** mardi 15 mars 2022 01:03:16  
**Attachments:** [South Europe Solar Plan 9.20.pdf](#)

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Her Excellency Ms Ursula von der Leyen  
President of the European Commission  
Dear Madame President

### **South Europe Solar Plan**

With the tragic Ukraine conflict threatening the European Union's energy security, Europe should rapidly expand solar photovoltaics (PV) which has massive potential on industrial estates.

This is covered in the attached South Europe Solar Plan (SESP) proposal. SESP is a target of one gigawatt peak (GWp) of building mounted PV for each million UK population (1kWp/person).

The SESP programme is the cheapest, quickest and most profitable way to reduce reliance on fossil fuel imports, mitigate climate change and secure a green recovery:

1. Additional PV capacity can be installed much faster than building wind turbines, even onshore.
2. Unlike other low carbon electricity supply approaches, installing PV on buildings will create rapid urban installation jobs across countries.
3. The SESP programme would also give business building owners and the businesses in them hit by the economic recession crucial financial savings and extra income, protecting jobs.
4. The massively expanded EU PV market would stimulate related manufacturing and exports as well as make a major contribution to achieving net zero carbon targets.
5. Though essential, relying on intermittent wind power much more heavily will increase electricity supply unreliability. Such problems will become more severe as the sector's proportion of wind power grows substantially. Developing battery, hydrogen and other electricity storage systems at the national scale in the limited time available will be costly and challenging.
6. This emergency needs a similar scale expansion of solar power, which is 90% predictable. Rural solar farms have unacceptable visual and ecological impacts. In comparison, building mounted PV has the least transmission costs and power losses as well as the least carbon-intensive material inputs. Roof orientation is not a significant issue.
7. SESP could be beneficially extended to cover the houses of employees to support continued home-working, sustainably meeting the growth in daytime domestic power demand.

Yours sincerely

**Solar Parks**

Gateshead International Business Centre

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