



ALFAMA

Advanced lightweight and Flexible Array with Mechanical Architecture

AIRBUS



Optimising each level of the solar array to answer high-power challenge

The ALFAMA project aims to develop an innovative photovoltaic solution thanks to 4 main development streams:

- Cost reduction, with its innovative manufacturing process
- High power per mass ratio, with high efficient ultra-thin solar cells & PVA
- Reduce stowed volume
- Modular mechanical architecture adapted to large PVA (up to ~ 70kW capability), addressing all missions

ALFAMA's drastic improvements will enhance the EU space sector competitiveness, enable new missions and build synergies between space and non-space activities.



<http://alfamaproject.eu/>



@ProjectAlfama



Project ALFAMA



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821876.

