

# EEE Space Component Sovereignty for Europe Initiative – An introduction

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## A GSTP Component Initiative

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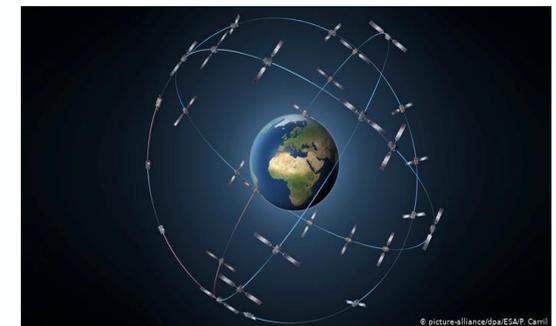
EEE Initiative Team



- Space is undergoing a dramatic transformation—from a low-volume sector led by public organisations to a fiercely competitive and fast-paced marketplace.
- The rise of ‘New Space’ is revolutionising the way applications are developed, breaking away from traditional methods.
- Cutting-edge space electronics face a rapidly evolving industrial landscape, with advancements often driven by terrestrial technology.
- Global geopolitical tensions threaten the availability of EEE components for ESA missions, adding another layer of uncertainty.
- The majority of semiconductors and microchips are produced in Asia, posing a risk. Most EEE Components flown on ESA mission are sourced from outside Europe.
- The fragility of Europe’s supply chain—characterised by low volumes—underscores the urgent need for robust institutional support to prevent takeovers by non-European companies.



The Geopolitical situation and need for increased security necessitates availability of strategic European EEE Components for space applications





- There has been strong support from ESA Member States for the EEE Initiative at the ESA Council at Ministerial Level in both 2022 and 2025.
- Numerous activities have already been launched, or are in the process of being launched, based on agreed workplans.
- Building on the success of the 2025 ESA Council at Ministerial Level, additional initiatives are planned for the near future.
- Continued robust backing from European EEE Component Supply Chains is vital to the development of critical products for Europe.
- The EEE Initiative Workshop, scheduled for March 24, 2026, marks an important step toward ensuring European independence in the supply of EEE Components for our space missions.



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