

# Smart Specialisation Strategies

## Connected to aerospace and aeronautics

In September 2014 Region Östergötland took a decision about the continued development of strategic investments and priorities for strengthening innovation in the region.



# The region's smart specialisation areas:

- Effective logistics
- Business models and arenas for sustainable system solutions
- Smart, secure and robust connected products and systems
- Simulation and visualisation
- Advanced materials

Each of them, or several together, contributes to building strength in a number of our successful industries. Smart specialisation is a method, a way of working to prioritise development projects that strengthen companies and thereby the region's competitiveness.



The Strategy will lead to an increased ability and tools for how **to prioritise** resources for development in Östergötland by:

- successfully implement action plans within the regional innovation strategy (RIS),
- increase its ability to win and gather resources to areas with growth potential for the region's industry,
- reinforce our international position and attractiveness as a collaboration partner, and
- be a strong actor in the process of developing the operative programmes for the next structure funding period and thereby to obtain greater attention for important regional projects.



## These are only some examples from the Region connected to Smart Specialisation Strategy.

- collaboration between a number of different competences (connected to sensors, communication electronics, software and complex systems) which can be found within academia and industry in the region
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- Within simulation, major research and development efforts are taking place within Saab
- Starting 2011, the Region actively participated in the start-up of Compraser Labs in Linköping, a national arena for composite production technology together with the Regional Aerospace industry (Saab, RUAG, GKN).
  - Compraser Labs is presently in a start-up phase aiming to build up a sustainable infrastructure to host advanced test- and demonstration facilities for composite production on TRL 4-6 working closely together with national Industry and Academia.
  - The arena will enable a more rapid and cost-effective implementation of lightweight products together with the Aeronautic industry as well as a broader range of industry sectors, academia and SME:s on a national and international level.
- The materials research carried out in the region is linked to the Advanced Materials strength area, for example within the area of surface coatings, lightweight and nano structured materials, which are of extremely high quality even on an international level



# AEROSPACE CLUSTER SWEDEN



- "Aerospace Cluster Sweden was established in 2013 to formalize a Swedish aerospace cluster. The cluster has its center in the Östergötland region, but is open to all national players with links to aviation and aerospace. The cluster currently has more than 50 members in the region representing cutting-edge technology and advanced expertise that can be applied to many areas in the aerospace industry. The aim of the cluster is to act as a natural meeting place to bring the industry together for collaboration, innovation and growth. "



# The ESIF program builds on the strategies and priorities for the region to be developed in Eastern Mellansverige

- Strengthening research, technological development and innovation create the conditions for an improved climate for innovation and strengthen the processes that lead to innovations commercialized based on the Smart Specialization.
- To increase SMEs' competitiveness make growth of small and medium-sized enterprises possible. It can be about access to risk capital, access to skills and lifelong learning or to facilitate internationalization or access to test- and demonstration facilities.
- To support the transition to a low-carbon economy in all sectors and help to ensure that the environmental technology sector is growing and consumption become less energy intensive.

*One example of how strategies may be realized is the start of Compraser Labs, a test- and demonstration arena for composite production, involving Regional industry, Academia and innovative SMEs, with a clear focus on implementing Advanced Lightweight Materials solutions on a national level.*



# Regional strategies for CleanSky2

- The region will promote investments in aerospace, based on regional companies and organization's challenges and other areas that are prioritized by Clean Sky.
- The region will be active to influence funds regarding this areas. E.g. ESIF as well as others funds, both national and international.
- An important prerequisite is that development project/Ideas follows the regional smart specialization strategy.