

Aerospace: Framework for Global Competitiveness & Promotion of Innovation

Knowledge Creation & Commercialization

- Focused scheme needs to be formulated for setting up aerospace economic zone in the country
- Invite component manufacturers, aero-structure engineers and assemblers etc. to set up units in the cluster.
- Focused scheme to induce indigenous production of critical raw-materials like high quality aluminium, titanium etc.
- Launch a national level scheme to encourage both academia & industry to target efforts in R&D.
- Provide incentives for foreign players who are ready for technology transfer to Indian players.

Inclusive Innovation

 Focused scheme for creating awareness among SME's for quality standards followed for various components & products in India and by global OEMs

Knowledge Diffusion & Absorption

- Creation of innovation centers for conducting collaborative research on pay-per-use model. This need to be done on PPP model with investments shared between central government, state government and private players.
- Launch a scheme to set up Joint testing and certification facilities for certification of Indian manufactured components and parts exported internationally.
- Provide database & technology support to domestic firms

Support Mechanisms

Skill

- Database & technology support to domestic firms providing access to : global quality standards, technology journals, testing infrastructure etc.
- Awareness of global standards

Policy

- Formulation of National Aerospace Policy.
- Integration of existing standalone policies
- Direct as well as indirect subsidy schemes for players in aerospace economic zones
- Reduced excise duty on the identified materials to encourage indigenous rawmaterials

R&D

- Scheme for participation of private players in R&D
- Provision for funding upgradation of R&D labs in the private and government sector
- Incentive scheme to reward any breakthroughs in new product development

Infrastructure

- Aerospace economic zones.
- Joint testing & certification facilities
- R&D innovation centers
- Incubation centers

Collaboration

- Collaboration for certification labs
- Collaboration for domestic raw-material manufacturing
- Collaboration for R&D