

Shipbuilding: Framework for Global Competitiveness & Promotion of Innovation

Knowledge Creation & Commercialization

- Invite component manufacturers/ancillary industries to set up units in SEZ; viz. HVAC, boiler plant, anchor chain, shaft alternator,
- Focused scheme to induce indigenous production of critical components & equipment for ship-building industry like high quality steel plates, gearboxes, shafting, propellers, generators, switchboards, valves, pumps etc.
- Launch a national level scheme to encourage both academia & industry to target efforts in R&D.

Inclusive Innovation

- Infrastructure updation in existing ITIs & Polytechnics to introduce courses in the areas of welding, fitting etc. for improving semiskilled labor in the industry.
- Setting up dedicated SEZs for the shipping industry

Support Mechanisms

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
- Increase industry participation in the existing institutes working in the area of skill building for shipping sector (like IMU). A panel needs to be made within the institutes comprising of senior people from the industry as well as international experts
- Provide database & technology support to domestic firms for international quality standards, testing infrastructure availability

Policy

- Reforms in the areas of: duty on capital goods imported for shipbuilding, excise duty on capital goods used in shipbuilding etc.
- Providing SEZ status for existing as well as upcoming shipyards.
- Direct as well as indirect subsidy schemes for players in shipbuilding SEZs
- Export incentives to ancillary industry
- Reduce or exempt international investors from India's corporate income tax rate for 5-10 years

R&D

- R&D in the area of CAD/CAM packages such as Tribon, Foran, Autoship etc.
- R&D in ship-designing
- Incentive scheme to reward any breakthroughs in new product development

Infrastructure

- Shipping SEZ
- R&D innovation center
- Incubation Centers
- Certification & testing centers

Collaboration

- Collaboration for developing ancillary industry
- Collaboration for domestic shipdesigning
- Collaboration for testing labs

Skilla

- Increase industry participation in the existing institutes working in the area of skill building for shipping sector (like IMU)
- Infrastructure updation in existing ITIs & Polytechnics