

Use Case

Defence Industrial Corridors



X36 Falcon Design

Turning around India's Defence Manufacturing Sector

- India is currently the world's largest importer of weapons
- The Govt. has tried to indigenize weapons production, with limited success

Challenges :

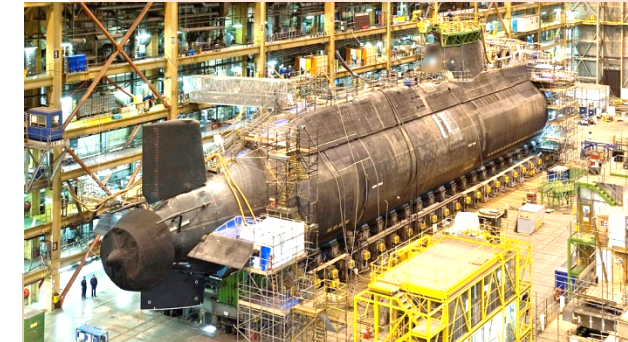
- Defence PSUs are inefficient
- Arms dealers representing foreign defence contractors have been active

Design Intervention :

- In Feb 2014, our design team visited the defence exhibition DEFEXPO and spoke to over 150 defence contractors both Indian and foreign. We also interviewed defence experts.
- Based on the interviews, we designed a large new Industrial cluster / platform concept :
 - ✓ Concept was named : The Defence Economic Zone
 - ✓ Defence clusters would be spread over 5000 acres, along two regional corridors
 - ✓ Each would include 5 - 6 large defence contractors + 2500 vendor companies
- In May, 2015, the above design concept was presented to the Ministry of Defence



Global Logistics Hub : Heavy Lift Military Courier Aircraft will move weapons to Ranges for Testing. They will also carry Export cargoes and spares to foreign clients





Location of the Corridors :

- We preferred to locate the corridors in India's most under-developed states (Bihar / UP)
- One objective was to set up next generation industries & create employment in backward areas
- Project citing criteria were :
 - ✓ Location should be close to at least one technology hub / IIT
 - ✓ Site & region should have access to water as 2,00,000 people would stay there
- To identify potential sites we consulted pilots of the Indian Air Force (IAF)
- IAF pilots recommended the defence corridor to be located in the Bundelkhand region of Uttar Pradesh. Reasons were :
 - ✓ There are many possible sites close to the Betwa river
 - ✓ IIT Kanpur was close to the Bundelkhand region (Technology access criterion)

Govt. Commits to Project :

- In Feb, 2018, the Govt. of India committed Rs 40,000 crores (US \$ 6.6 billion) in the union budget for the defence corridor

Business Opportunity :

- The Defence industrial corridors present a big business opportunity for investors.
- Since X36 Falcon designed the platform and its business models, we can help investors realize maximum value



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Letter of Support from
the Ministry of Defence
To X36 Falcon's parent,
The Planning & Design
Lab.

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(Kind Attn : Sh Ashish Putambekar, Designer)

PROPOSAL FOR SETTING UP OF DEFENCE SEZs

The undersigned has been directed to refer to your proposal for Setting up of DEZs submitted to the Department and convey to you that the Department appreciates your the valuable suggestions on the subject matter.

2. At present, Ministry of Defence has no scheme for setting up of DEZs. However, the Ministry will support all such initiatives of the Industry which would help the government in achieving its objectives of self-reliance in defence. It is suggested that you may get in touch with industry people who may have interest in the proposal for setting up DEZs and approach Ministry of Commerce, the nodal Ministry to process proposals for setting up of SEZs in the country. The Ministry of Defence will render all the necessary assistance and support required for the proposal.

3. It is further informed that the proposal regarding '*Provisions to make Govt test facilities available to private sector*' is already under active consideration of the Government.

(Chandandeep Singh)
PO(MS)

