

**Ministry of Heavy Industries**

**Demand No. 48**

**1. Enhancement of Competitiveness in the Indian Capital Goods Sector (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
200.00	1.	Technology development through Centre of Excellence	1.1. No. of Centre of Excellence (CoE) projects completed	3	1. Enhancement of competitiveness in Indian Capital Goods Sector through R&D and Technology Development for new machines	1.1. % Of completion of Centres of Excellence (CoE) projects at CMTI Bangalore	80
	2.	Common Engineering facility centre to facilitate value added service in manufacturing	2.1 No. of Common Engineering Facility Centres (CEFCs) completed	12		1.2. % Of completion of Centres of Excellence (CoE) projects in IIT Delhi	75
	3.	Technology Acquisition Fund Programme (TAFP) for technology acquisition or transfer of advance machinery, supported to be given capital goods manufacturing units, individual or in consortium form	3.1 No. of Technological Acquisition Fund Programme (TAFP) projects completed	1		1.3. % Of completion of Centres of Excellence (CoE) projects at IIT Kharagpur	100
	4.	Creation of Integrated industrial facility	4.1 Number of Integrated Industrial Facilities (IIIF) completed	1		1.4. % Of completion of Centres of Excellence (CoE) projects at IISc Wipro	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
						1.5. % Of completion of Centres of Excellence (CoE) projects at HEC Ranchi	100
						1.6 For CoE- Number Capital Goods Technologies generated from CoEs	8
					2. Enhancement of competitiveness in Indian Capital Goods Sector through Creation of common physical infrastructure in the form of CEFCs/ integrated industrial facility.	2.1. % Of completion of Common Engineering Facility Centres (CEFC) at HEC Ranchi	80
						2.2. % Of completion of Common Engineering Facility Centres (CEFC) in Bardloi, Surat	100
						2.3. % Of completion of Common Engineering Facility Centres (CEFC) at Kirloskar	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
						2.4. % Of completion of Common Engineering Facility Centres (CEFC) at IIT Delhi	100
						2.5. % Of completion of Common Engineering Facility Centres (CEFC) at IISC Bangalore	100
						2.6. % Of completion of Common Engineering Facility Centres (CEFC) at CMTI 4.0 Bangalore	100
						2.7. % Of completion of Common Engineering Facility Centres (CEFC) at Korus	70
						2.8. % Of completion of Common Engineering Facility Centres (CEFC) at CMTI Precision Lab	100
						2.9. % Of completion	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
						of Technology and Innovation Platform by CMTI	
						2.10. % Of completion of Technology and Innovation Platform by BHEL	100
						2.11. % Of completion of Technology and Innovation Platform by HMT	100
						2.12. % Of completion of Technology and Innovation Platform by ARAI	100
						2.13. % Of completion of Technology and Innovation Platform by ICAT	100
						2.14. % Of completion of	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
						Technology and Innovation Platform by IIT Madras	
					3. Technology Acquisition	3.1. % Of completion of TAFP by Industrial processors & Metalizers Pvt Ltd, New Delhi	100
					4. Creation of Integrated Industrial Facility	4.1. Tumakuru Machine Tool Park	100%
<b>Enhancement of Competitiveness in the Indian Capital Goods Sector- Phase 2</b>							
	1. Operation and Maintenance of Technology Innovation Portals	1.1. No of Internship trainings conducted	500	1. Enhancement of competitiveness in Indian Capital Goods Sector through Technology Innovation Portals by i. Awareness Creation of Capital Goods initiatives of the Govt. ii. Providing opportunities to students of Engineering colleges to be a part of solving technological problems of the industry by promoting paid	1.1. % completion of targeted internships	100%	
		1.2. No of awareness webinars conducted	50		1.2. % completion of targeted awareness webinars	100%	
		1.3. No. of Registered users	75,000		1.3. Targeted achievement of increase in Registered users	100%	

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
					internships for them. iii. Creating linkages between academia and Industry		
		2. Setting up four (4) Advanced Centers of Excellence (CoEs) and augmentation of existing Center of Excellence for technology development	2.1 No. of CoEs approved	04	2. Enhancement of competitiveness in Indian Capital Goods Sector through R&D and Technology Development for new machines	2.1. % Completion of work on CoEs approved	30%
		3. Promotion of skilling in Capital Goods Sector - approval of Qualification packages(QPs) for skill levels 6 and above	3.1 Approval of Qualification pack ages(QPs) for skill levels 6 and above in association with skill councils	3	3. Enhancement of competitiveness in Indian Capital Goods Sector through promotion of skilling in Capital Goods Sector	3.1. Creation of QPs approved for skill level 6 above	75%
		4. Setting up of Four (4) Common Engineering Facility Centres and augmentation of existing Common Engine Erring Facility Centres	4.1 No. of Common Engineering Facility Centres (CEFCs) approved	04	4. Enhancement of competitiveness in Indian Capital Goods Sector through Creation of common physical infrastructure in the form of CEFCs / integrated industrial facility.	4.1. % completion of work on CEFCs approved	30%

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
	5. Augmentation of Existing Testing and Certification Centres for testing of machinery in terms of various properties	5.1. Existing Testing and Certification Centres augmented	01	5. Enhancement of competitiveness in Indian Capital Goods Sector through Augmentation of the Existing Testing and Certification Infrastructure	5.1. % Completion of work on Augmentation of the Existing Testing and Certification Infrastructure approved	30%
	6. Cohort Based Accelerators for development of targeted indigenous technologies	6.1 Approval of the Industry Accelerators	10	6. Enhancement of competitiveness in Indian Capital Goods Sector through Identification of technology domain and selection of industry partners by Accelerators into cohorts	6.1. Identification of technology domain and selection of industry partners by approved Accelerators into cohorts for development of products/ technologies	100%
					6.2. % Completion of work by approved Accelerators for development of products/ technologies	25%

**2. Industry Association and PSUs for undertaking promotional activities (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
0.25	1. Awareness creation about Government initiatives to promote Heavy Industries	1.1. Number of exhibitions/seminars/webinars/dialogues conducted	120	2. Awareness creation about Government initiatives to promote Heavy Industries	1.1. Increase in the number of participants in the webinar	20%

### 3. Production Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry (CS)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Target 2022-23	Outcome	Indicators
3.00 <sup>1</sup>	1. Providing incentives to companies	1.1. Total number of applications received	Targets not amenable <sup>2</sup>	1. Emergence of globally competitive companies in Automotive sector	1.1 Number of people employed by the approved companies till FY 2022-23	Targets not amenable <sup>3</sup>
		1.2. Total number of eligible companies approved under this scheme	Targets not amenable <sup>4</sup>		1.2 Incremental sales by the approved applicants covered under the scheme	Targets not amenable
		1.3. Investment to be made by the approved applicants in India by the end of FY 2022-23	Targets not amenable <sup>5</sup>		1.3 Incremental sales by the approved applicants for Battery Electric vehicles and their components	Targets not amenable
		1.4. Total incentives disbursed under the scheme by end of FY 2022-23	0		1.4 Incremental sales by the approved applicants for Hydrogen Fuel Cell Vehicles and their components	Targets not amenable
					1.5 Average Domestic Value Addition in AAT Products achieved	Targets not amenable
					1.6 Average reduction in	Targets not

<sup>1</sup> PMA Charges for the scheme

<sup>2</sup> To be populated in March 2022

<sup>3</sup> As per the Ministry, Outcome targets for the scheme will be monitored later

<sup>4</sup> Same as Footnote 2

<sup>5</sup> Same as Footnote 2

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Target 2022-23	Outcome	Indicators	Target 2022-23
						GHG emissions achieved	amenable
						1.7 Total saving of fossil fuels (diesel and petrol) due to ZEVs and Flex Fuel Engine etc.	Targets not amenable

#### 4. Production Linked Incentive for scheme 'National Programme on Advanced Chemistry Cell (ACC) Battery Storage'.

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Target 2022-23	Outcome	Indicators
3.00 <sup>6</sup>	1. Increase investment in manufacturing of ACC	1.1. No. of manufacturing units set up under the scheme	0	1. Increase capacity of ACC manufacturing in India	1.1 Total capacity of ACC manufacturing units in India	0
		1.2 No. of state level grand challenges conducted for potential investors	Targets not amenable <sup>7</sup>		1.2 Total capacity of niche ACC technologies in India	0
		1.3 Amount of subsidy disbursed to beneficiary firms	0		1.3 % Change in the value of ACC storage technologies exported	0

<sup>6</sup> PMA Charges for the scheme

<sup>7</sup> As per Ministry, target to be populated later on

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Target 2022-23	Outcome	Indicators
		1.4 No. of bids received under the scheme	Targets not amenable <sup>8</sup>		1.4 % Change in the number of ACC storage technologies exported from India	Targets not amenable
		1.5 No. of bids approved under the scheme	Targets not amenable <sup>9</sup>			

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<sup>8</sup> Same as Footnote 7

<sup>9</sup> Same as Footnote 7

**1. Development of Automobile Industry: Faster Adoption and Manufacturing of Electric & (Hybrid) Vehicles in India (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
2,908.28	1. Promote easy adoption of xEVs through demand incentives	1.1. No. of xEVs supported (Deployment) in the year through demand incentives on Electric Buses	2,200	1. Increase in adoption of electric and hybrid vehicles	1.1. Share of xEVs in total number of new vehicles sold	1.5%	
		1.2. Four Wheelers (Electric) including 4W Strong Hybrid Vehicle	1,000		2. Employment generation in the manufacturing of electric and hybrid vehicles	2.1 Employment generated (in terms of Number of people)	5.8 Lakh
		1.3. Three Wheelers (Electric) including E-Rickshaws	75,000		3. Reduce emissions and increase fuel savings	3.1 Total fuel saved (Billion litres) till life of vehicle	2
		1.4. Two Wheelers (Electric)	2,50,000			3.2 Total Emission savings (billion Kg) till life of vehicle	4.6
	2. Establish a network of charging stations in all million plus cities, state capitals, designated smart cities and highways	2.1. Number of charging station to be setup in current year In Cities & Highways	2,000				
		2.2. Number of operational charging stations as percentage of total charging stations set up till date	100%				
	3. Create stakeholder awareness and	3.1. No. of IEC activities conducted during the year	10				

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
	interest through IEC activities	3.2. Estimated reach (in number of people) of IEC activities	50,000			