

# CII identified a step wise approach to help drive adoption of smart manufacturing in India

Step 1: Identified all relevant stakeholders ✓

Step 2: Defined Smart Manufacturing and its elements ✓

Step 3: Prioritized sectors to promote smart manufacturing ✓

Step 4: Develop an Industry 4.0 India Platform (**critical next step**) ✓

Step 5: Develop enabling eco-system for fostering adoption of smart manufacturing - (on-going process)

Steps already undertaken by CII

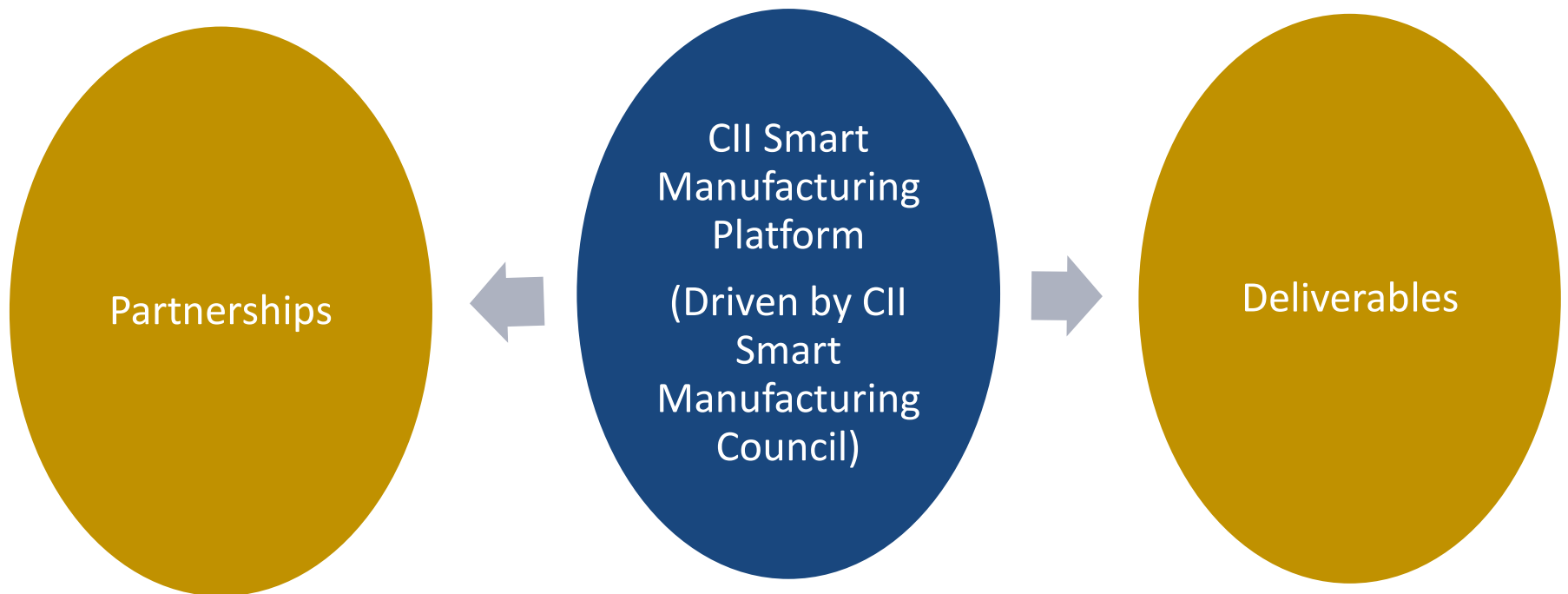
Launched CII Smart Manufacturing Platform today

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# CII Smart Manufacturing Platform

*An Industry-led initiative on Industry 4.0 and beyond*

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# CII Smart Manufacturing Platform - Partnerships

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## ❑ Bilateral & Multilateral Partnerships

- ❖ Currently with Germany

## ❑ Indian Government Partnerships

- ❖ Ministries/ Departments of Government of India
- ❖ State Government

## ❑ Knowledge Partnerships

- ❖ Academic & R&D institutions
- ❖ Consulting Firms

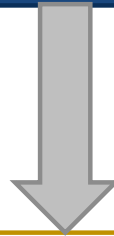
## ❑ Industry Membership

- ❖ Tech provider industry
- ❖ User industry
- ❖ Start-ups

# CII Smart Manufacturing Platform - Deliverables

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1. **Assessment and Certification on Industry 4.0**
2. **Technical Advisory Services**
3. **Capacity building - Training**



**CII Institute of Quality**

# CII Smart Manufacturing Platform - Deliverables

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## 4. Virtual Experience through use cases

- Case study portal launched last year is merged onto the platform
- 33 detailed case-studies of companies who have implemented smart manufacturing in India – plotted on the map to showcase regional spread of deployment



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Industry / Sector

- Automobile & Ancillaries (14)
- Consumer Durables – Electronics (2)
- Engineering - Capital Goods (3)
- Engineering - Industrial Equipments (7)
- FMCG (1)
- Food & Beverage (Dairy) (1)
- Oil & Gas (1)
- Automotive (1)
- Automated Storage and Retrieval Systems (ASRS) and stationary racking (1)
- Packaging solutions in the food and pharmaceutical segment (1)

Value Creation

- Design and Engineering (9)
- Logistics (5)

# CII Smart Manufacturing Platform - Deliverables

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## 5. Technology Demo Centers

- Showcases existing Demo Centers on Industry 4.0 in India
- CII platform will partner with multi-lateral agencies and Government to set up physical centers in India in the long run



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Siemens Digital Experience and Application Center  
Karnataka, Bengaluru

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Marshall Industry 4.0 Center, Manesar  
Haryana, Manesar

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Marshall Industry 4.0 Center, Ludhiana  
Punjab, Ludhiana

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# CII Smart Manufacturing Platform - Deliverables

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## 6. Technology Providers

- Showcases leading Technology Providers on Industry 4.0
- Opportunity for the User industry to connect with technology provider for deployment of Industry 4.0



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OMRON



**BOSCH**  
Invented for life



**Rockwell  
Automation**

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# CII Smart Manufacturing Platform - Deliverables

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## 7. Research and Studies on Technology, Policy and Standardization

- CII is happy to share the Joint Statement signed between the German and Indian government during the fifth round of Inter-Governmental Consultations (IGC) held during the visit of the German Federal Chancellor Dr. Angela Merkel with the Prime Minister Shri Narendra K Modi.
- “Both sides agreed to create **linkages between the German Platform Industrie 4.0 and the upcoming CII Smart Manufacturing Platform** for cooperation and exchange of information including in standardization, IT-security in networked systems, testbeds and use cases, business models and B2B-platforms, and on topics shaping future digital ecosystems for Industry 4.0.”



# CII Smart Manufacturing Platform - Deliverables

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## 8. Techno-business partnership events and missions



CII Smart Manufacturing Summits

Smart Manufacturing Awareness workshops

CII - DHI Series of Awareness Workshops on industry 4.0

Upcoming Events

15 Nov, 2019	Amritsar	Dec, 2019	Tumkur
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Previous Events

27 Feb, 2019	Gurgaon	<a href="#">View More</a>
26 Mar, 2019	Ludhiana	<a href="#">View More</a>
24 Apr, 2019	Vishakhapatnam	<a href="#">View More</a>