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## **CII Digital Conference Rail Connect**

***“Leveraging Partnerships for Aatmanirbhar Railways”***

8 September 2020: Virtual Platform

### **Programme Outline**

1000 – 1100 hrs:	<b>Inaugural Session</b>
1100 – 1145 hrs	<b>SESSION – I: Building Strong Partnerships – Role of Private Sector</b> <ul style="list-style-type: none"><li>➤ Ease of Doing Business</li><li>➤ Leveraging the strength of private sector in railway modernization</li><li>➤ Addressing challenges related to PPP model in India</li><li>➤ PPP in Civil and Composite Projects</li><li>➤ Funding Structure (Bilateral, Multilateral &amp; Seller Credit)</li><li>➤ Move from Capex to Opex</li><li>➤ International practices</li></ul>
1200 – 1245 hrs	<b>SESSION – II: Modernizing Railways Stations</b> <ul style="list-style-type: none"><li>➤ Developing and Maintaining Railways Stations</li><li>➤ Opportunities for participation in Station Modernization</li><li>➤ Customer safety and efficiency through better facilities</li><li>➤ Promoting better interconnectivity</li><li>➤ Development of Real Estate &amp; Business Centers around Railways Station</li><li>➤ Best Practices</li></ul>
1300 – 1400 hrs	<b>SESSION – III: Railways and Freight Services – Enhancing Logistics System</b> <ul style="list-style-type: none"><li>➤ Dedicated Freight Corridor, faster completion</li><li>➤ Integration with Ports, Roads and inland waterways, further scoping</li><li>➤ Multi Modal Logistics Park – Efficiency and Management</li><li>➤ Technology trends in movement of goods</li><li>➤ Ease of doing business</li></ul>
1415 – 1515 hrs	<b>SESSION – IV: Urban Rail Transit System - Emerging Opportunities</b> <ul style="list-style-type: none"><li>➤ Emerging opportunities in the Urban Transportation</li><li>➤ Emerging Opportunities to supply to Urban Rail System</li><li>➤ Make in India: Building a vibrant supply chain for the Metro System</li><li>➤ Skilled manpower development in-house</li><li>➤ Understanding the trends and standards for the Metro Requirement</li><li>➤ Export opportunities</li></ul>
1530 – 1630 hrs	<b>SESSION – V: Green Railways: Leveraging Renewable Energy &amp; Transforming Railways to Carbon Net Zero</b> <ul style="list-style-type: none"><li>➤ Leveraging renewable sources of energy</li><li>➤ Railway’s land optimization with Renewable parks and Giga factories</li><li>➤ Energy Efficiency in Indian Railways</li></ul>

	<ul style="list-style-type: none"> <li>➤ Achieve net-zero carbon emission</li> <li>➤ Enhancing electrification of the railways</li> <li>➤ Improving energy efficiency of locomotives, trains, and fixed installations</li> <li>➤ Acquiring green certification for stations/installations</li> </ul>
1645 – 1745 hrs	<p><b>SESSION – VI: Advanced Signaling and Telecommunication System</b></p> <ul style="list-style-type: none"> <li>➤ Latest Technology and Trends in Signaling and Telecommunication</li> <li>➤ Implementation of technologies</li> <li>➤ Communication Technologies to enhance safety and line operations - Automatic Train Protection / mobile train radio communication system / Centralized Traffic Control System</li> <li>➤ Advance Electronics and Smart Operation</li> <li>➤ Research &amp; Development</li> <li>➤ International Best Practices</li> </ul>
1745 – 1845 hrs	<p><b>SESSION – VII: Railway Modernization: Role of Rolling Stock</b></p> <ul style="list-style-type: none"> <li>➤ Modernizing the Indian Railway System through Smart Manufacturing</li> <li>➤ Advance Manufacturing and Modernization of Factories</li> <li>➤ Introduction of Robotics, Machine Learning and Computerized production Systems for precision and quality</li> <li>➤ Creating a vibrant MSME supply base</li> </ul>