



International Competitiveness - Australia & Alliances

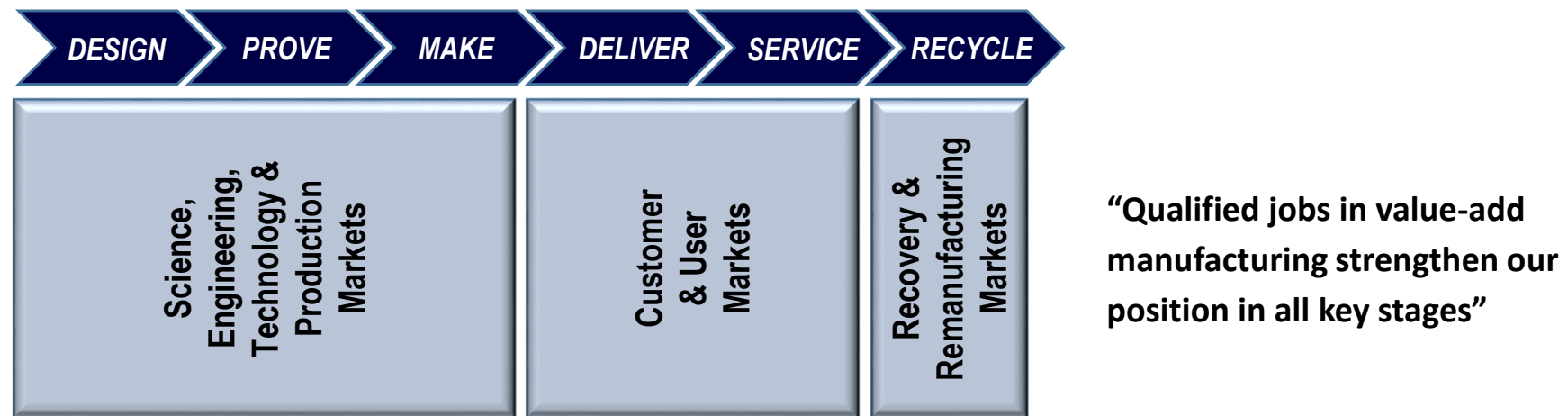


HVM Sectors & Key Topics	Energy	Transportation & Mobility	Defence / Aerospace	Medical Technologies	Food & Fibre	Infrastructure	Building & Construction	Resources Value-Add
Key horizontals***								
3D / Additive Manufacturing								
Mechatronics [Automation / Robotics]								
Composites / Advanced Mat'ls [Lightweighting]								
High-speed Ultra-connectivity								
Supply Chain								
Collaboration / Clusters								
STEM / Upskilling								
R&D Output Harvesting								
Secured IP								
Trade / Bilateral Dev.								

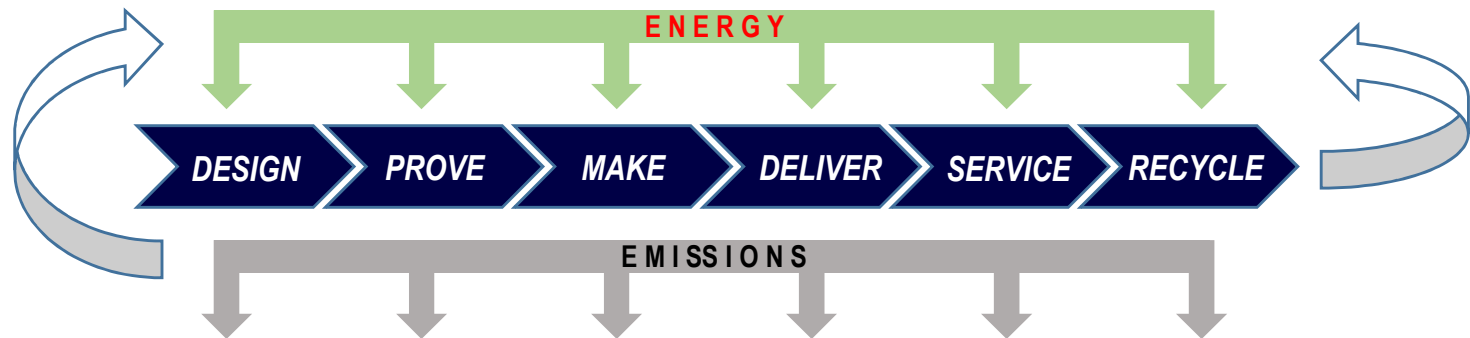
Source: Manufacturing on the Move – 8/2016

Advanced Manufacturing Cycle – A Presence in 3 Integrated Markets

1. Need to understand and be able to operate throughout the **entire manufacturing cycle**:



2. All inputs and outputs have an **impact**:



Key Enabling Technologies – focus of the World Manufacturing Forum***

*The Internet of Things [IoT]
Network of physical plant &
equipment, vehicles, buildings,
cameras – plus sensors, actuators
& network connectivity*

Augmented Reality

Additive Manufacturing

Automation

*Industry 4.0
– basically about connected
& automated machines that
communicate with each other*