

Systems Workforce Summit

27 and 28 October 2026
Oude Kerk Delft, The Netherlands

Innovation and Economic Transformations



Summit Focus

Innovation and Economic Transformations

System of Systems

Complexity Growth needs multi-disciplinary System Workforces



Innovation and Economic Transformations need System Workforces for Architecting, Design and Realization

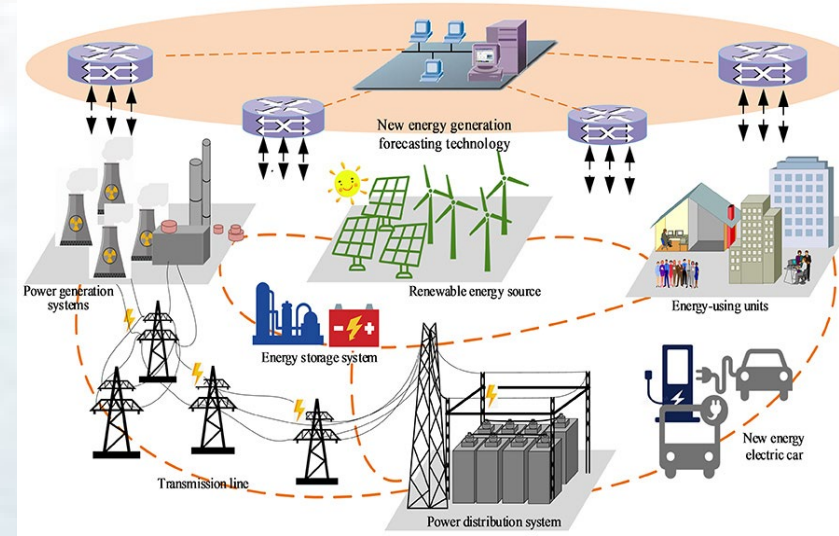
Smart Agriculture



Mobility



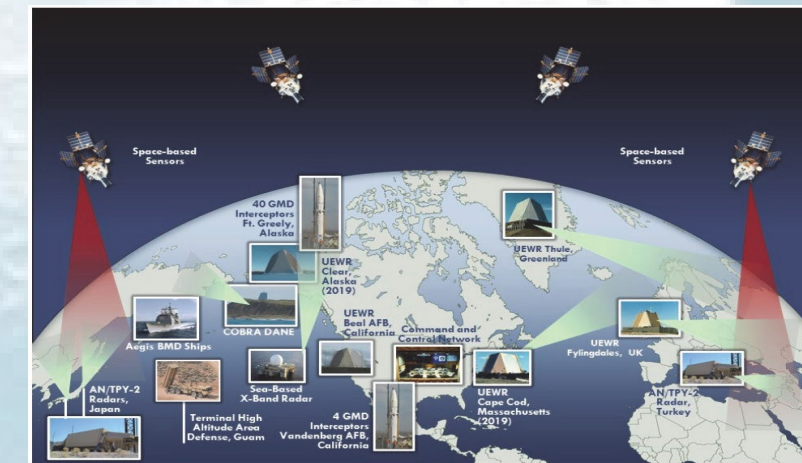
Sustainable Energy



Health Services



Space & Security



What do these Products have in common ?



Most all have become complex, interdependent and self-adapting software/AI-defined System of Systems

All need multi-disciplinary cooperation of specialists, system integrators and program managers at equipment, subsystem and system levels

Transformations and System of Systems all need

Life-cycle Systems Architecting, Engineering and Management

- to obtain an early understanding of critical realization issues, such as risks, cost, schedules, sustainability, cyber-security, business opportunities, and societal impacts

Integrated Implementation Approaches

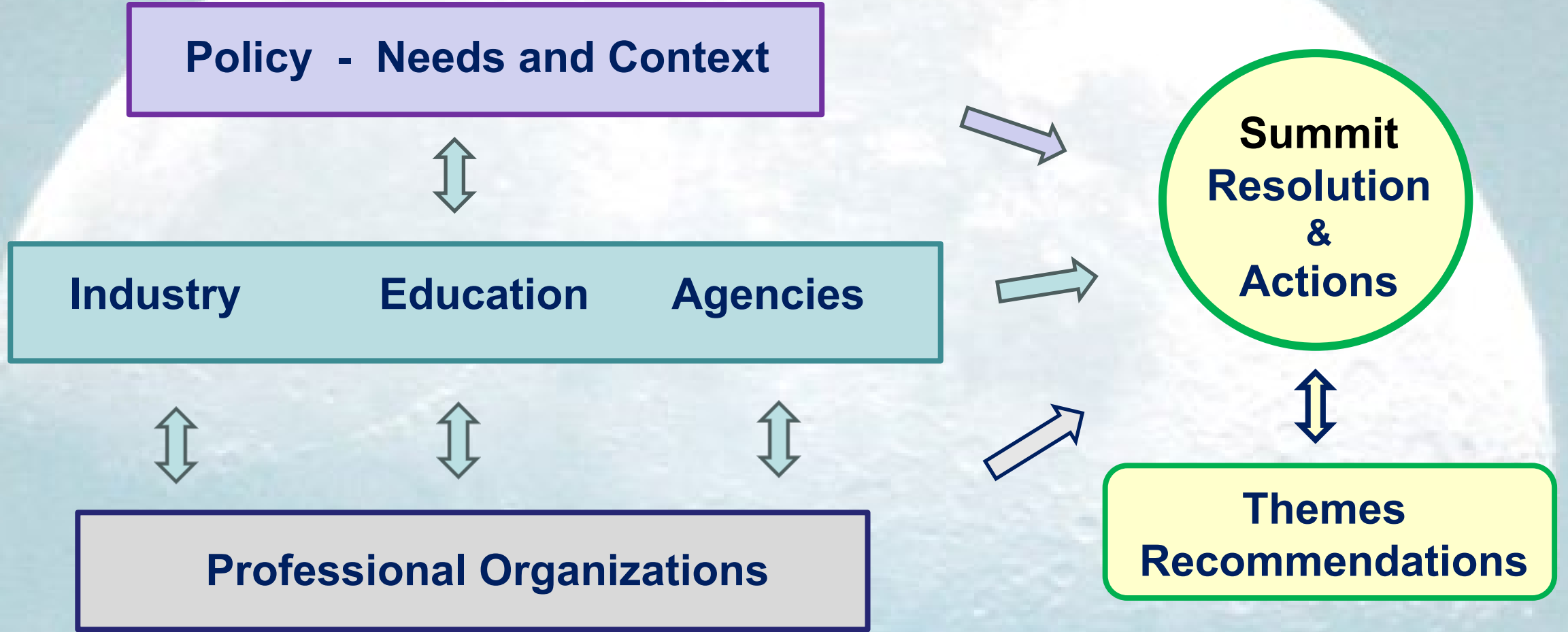
- to realize trusted, AI supported system concepts and designs with hardware, software, and service elements and seamless interoperability characteristics

System Competencies at most Product Tiers

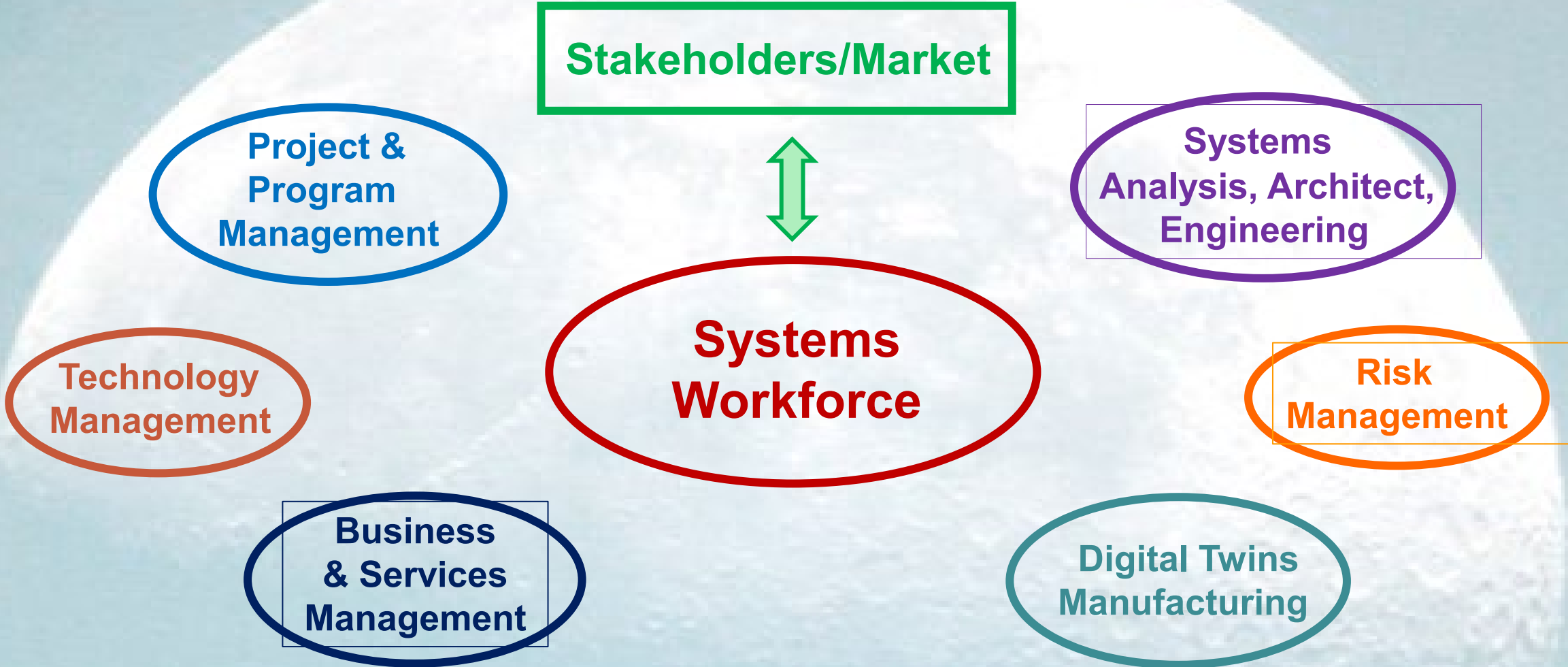
- to ensure successful realization of all system elements for OEM integrators & suppliers

Pragmatic System Realization Teams

Five Themes & multiple Viewpoints to generate Recommendations, Resolution & Actions



The multiple Core Functions of a Systems Workforce



... all include Sustainability, Supply Chain, and Complexity Management

Opening: Chair of the Executive Board Delft University of Technology, Ingrid Thijssen; Representatives from Royal Family, European Commission/ Parliament, et al

Policy: Global Systems Context and Needs, Chair: Jeroen Dijsselbloem, former Minister of Finances & President Dutch Central Bank, Chair Brainport; Associate Chair: Monika Hoekstra, Managing Director Dutch NxtGenHighTech

Summit Highlight Keynote: The Future of Competitiveness depends upon Systems Sovereignty, Mario Draghi, former President European Central Bank and Prime Minister of Italy, invited

Strategic Policy Keynotes: Peter Wennink, former CEO ASML, Dutch Government Economic & Innovation Adviser; Saadia Zahidi, Managing Director, WEF; Admiral ret. James O Ellis jr, Chair US NAE, Dist. Fellow at Hover Stanford Univ.; Tarja Jaakkola, Assistant Secretary General, NATO, invited

Impulse Lectures: Impacts of the digital Ecosystem, Arnaud Hubaux, ASML; Quantum Computing, tbc

Industry Implementation: System Competencies, Drivers of Industry Innovation, Chair: Jan van Vlerken, Senior Vice President ASML; Associate Chair: Joris van den Aker, Program Manager Competence Development, TNO

Academia/Education: System Competencies Education needs a Paradigm Shift, Chair: Prof. Emma Sparks, Rector and Dean University of New South Wales; Assoc. Chair: Prof Rob Vingerhoeds, ISAE SUPAERO University

Government and Agencies: Policy Guidance & Systems Implementation, Chair: Larry James, Lt Gen, USAF ret. Strategic Advisor SmartSat CRC, former Deputy/COO NASA JPL; Associate Chair: David Nichols, Caltech, former Director Systems and Software, NASA JPL

Professional Organizations: Cooperation for growing scarce System Workforces, Chair: Clay Mowry, CEO American Institute of Aeronautics and Astronautics, AIAA, Past President International Astronautical Federation; Associate Chair: Davide Petrillo, AIAA Managing Director EMEA

Summit Conclusions and Resolution: Summit Chair Prof. Hester Bijl, Rector Magnificus Delft University of Technology, Theme Chairs, Summit Architect Prof Heinz Stoewer

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*27/28 October in Delft, The Netherlands
Unique Venue - 1000 year „Old Church“
Summit Dinner at the Royal Church*