SMART MANUFACTURING

◆ Submit this report to the ISO committee for block chains (ISO TC 307) for information

◆ Highlight the 4-5 Smart Manufacturing Smart Contracts requirements for the USNC TAG and DKE mirror committee attention

◆ Ask ISO TC 307 to find out what's already available in industry

◆ Develop Block Chain Use Cases using invited industry manufacturing experts to participate within ISO TC 307

◆ Have ISO & IEC Groups work together in a more collaborative way.

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SMART MANUFACTURING

◆ Explore ANSI taking an initial role utilizing the resources of the Company Member Forum with support of Government and Organization Member Forums to communicate US smart manufacturing technology and standards programs

◆ Convene initial bilateral industry led meetings with DKE/DIN industry 4.0 organizations, and expand to other global leaders in smart manufacturing technology and standards to identify areas of interest

◆ INNOVATION INSTITUTES – Encourage the Innovation Institutes and other US based research activities to participate in the ANSI CMF program , provide presentations on their activities and identify standardization opportunities

◆ COMMUNICATION - There should be some kind of communication of all US and International smart manufacturing implementations to all stakeholders on a regular basis with a view to coordinating US participation efforts and leverage available resources to maximum effect

SMART MOBILITY

◆ **Multi-SDO, stakeholder cooperation in mobility:**

– Facilitate pilot cooperation? Workshops?

– Cooperation among traditional competitors – SDOs and businesses

◆ **Near term:**

– Hold a workshop to develop a mechanism regarding cybersecurity information sharing

◆ **Long term:**

– Develop cybersecurity educational programs for current practitioners

◆ **Stakeholders need to cooperate on consensus on how to manage the integration of new transportation options for the public benefit.**

– e.g. Public transport funding can be rethought

◆ **"De-emphasize private - promote public!"**

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SMART AGRICULTURE

◆ ANSI, DIN and DKE should establish a joint strategic-level study group on smart agriculture to understand:

    – the needs of farmers, parties that require data from farmers and consumers of agricultural products;

    – the possible future directions of regulations related to agriculture;

    – the range of existing standards available from ISO, IEC, ITU-T, other SDOs and consortia that may contribute to smart agriculture

◆ This joint strategic study group should develop a coordinated vision/roadmap/gap analysis with recommendations for possible new standards initiatives

◆ Consideration should be given to making this a broader initiative – Europe and North America

◆ Target date: mid-2019 for results

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