GIO Progress Update

GIP Operation Team
2021.02.22

Collaborating for Digital Economy Growth,
Building a Better Intelligent World.

GLOBAL INDUSTRY ORGANIZATIONS

Involvement and contribution of the organizations

1 Volunteer Organizer for three working groups

- Smart Manufacturing --IIC
- Digital Health--TM Forum
- Autonomous Digital Infrastructure --5GSA

2 GIO Operation Team contribution

5GSA, IIC, CCSA, SAC/TC 124, TM Forum, China Info100，AII, UK 5GIC

3. New participants and Guests

- 5GMAG
- 5GDNA
- ZVEI
- IVI
- ITEI
- IMT2020
- Orange
- CMCC
- CTCC
- KI4.0
- CMTTBA
- CMTNCS
- ITU-T SG16
- Global He@lth 2030
- Covidra
- Earth Medic
- Industrial Talk
- IoT ONE
- KocDigital
- Mobile Action on Pandemic
- AASA
- A-Star
- Mess Technology Center
- San Raffaele Hosp.

GLOBAL INDUSTRY ORGANIZATIONS

Involvement and contribution of the organizations

Workshop / Webinar

Workshop	Date	Number of organizations participating	Number of participants on-line
Smart Manufacturing	2020/4/28	16 3GPP, 5G-ACIA, 5GSA, CAICT, China Info 100, ETSI, GSMA, IIC, ITS, OPRC , Networld 2020, TM Forum, UK 5GIC, SAC/TC 124 Guest: ZVEI, IVI	33
Digital Health Roundtable	2020/6/10	14 5GSA, TM Forum, ETSI,CCSA, 3GPP, China Info 100, GSMA IIC, ITS, OPRC， Networld 2020, UK 5GIC, 5G-ACIA Guest:5GDNA, ITEI	44
Digital Health Webinar	2020/7/24	14 5GSA, TM Forum, ETSI,CCSA, 3GPP, China Info 100, GSMA IIC, ITS, OPRC， Networld 2020, UK 5GIC, 5G-ACIA Guest:5GDNA, ITEI, WHO	43
Autonomous Digital Infrastructure	2020/7/7	14 5GSA, TM Forum， ETSI， CCSA， 5GDNA, 5GIC, China Info 100 Guest: 5GDNA, IT-Aveiro ,BT, Telecomitalia, Samsung, intel	44
New Industrial Infrastructure	2020/9/24	28 CMTTBA, CMTNCS, CCSA, CAA, etc.	50
Digital Transformation Enabling Manufacturing	2020/11/3	52 GSMA, ETSI, ITS, GSMA, iIIC, TMF, T-system, interxlab, Intel, ABB, SAS, OPRC, KOSMO, EMP, KI4.0, etc.,	103
Digital Health	2020/12/10	15 TMF, ITS, ChinaInfo100, NHS, IIC, HealthyCaribbean, TPI, Telus, etc.	43

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Progressing from the **Industry Digital Transformation Whitepaper** through **3 working groups** to formation of additional **communities of interest** as required

Whitepaper on Industry Digital Transformation

Whitepaper of Industry Digital Transformation

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Workshops & Roundtables

Digital Health Workgroup

Smart Manufacturing Workgroup

Autonomous Infrastructure Workgroup

Manufacturing New Infrastructure Community of Interest

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GIO Smart Manufacturing Working Group 2021 Plan

The Working Group is focused on the promotion and acceleration of Smart Manufacturing in a medium/long term perspective as a key enabler of Digital Transformation in the Industry.

List of participant organisations Thus Far

IIC
MESS

Prospective Participant Organizations

5GAA
Alliance of Industrial Internet
Artificial Industry Alliance
China Info 100
Edge Computing Consortium
ISO/IEC/JTC1/SC42

professionals/experts

Mr Stephen Mellor - IIC
Mr Michael Linehan - IIC
Mr Farid Bichareh – AASA Inc.
Mr Seth De Santis - GE

List of achieved deliverables in 2020

Limited to first year (achieved results in italics)

- *Virtual Webinar Nov 2020 – Digital Transformation Enabling Manufacturing*
- *Webinar Minutes*
- *IIC Newsletter feature*
- *Presentation of findings to IIC Manufacturing Industry Leadership Council (MILC)*

Upcoming Deliverables in 2021

- Virtual Webinar – *March 11th*
  - Roundtable – *March 25th*
- Virtual Webinar – *June 17th*
- Roundtable – *July 1st*
- Webinar at IoT SWC – *September 2021*
- Publish White paper – *Year End 2021*

Digital Health Working Group 2021 Plan

The Working Group is focused on the promotion and acceleration of Digital Health in a medium/long term perspective as a key enabler of Digital Transformation in the Industry.

List of participant organisations

TM Forum
5GSA
China/Japan Friend Hosp. /5GDNA
GIO
Earthmedic
Global He@lth 2030

List of participant professionals/experts

Ms Joann O'Brien--TMForum
Mr Luigi Licciardi--5GSA
Dr Quingun Lu – 5GDNA
Dr James Hospedales – Earthmedic
Global Health 2030
Martin Creaner--GIO

List of achieved deliverables in 2020 and timeline

- *Virtual Workshop May 26th – kick off*
- *Virtual RoundTable & Report June 10th*
- *Digital Health Webinar & Report July 24th*
- *Participation in WHO RoundTable Sept 3rd*
- *Digital Health Round Table & Report Sept 24th*
- *Digital Health Industry Report Sept 30th*
- *Digital Health Round Table Dec 10th*
- *Roundtable report*

Digital Health Plan for 2021

- Industry Report on role of 5G in accelerating Digital Transformation of Healthcare
- Feb. 2021
- Digital Health Round Table March 2021
- Webinar 2:*5G Digital Health–SDO main achievements* April 2021
- Round Table Digital health May 2021
- Round Table Sept 2021

Autonomous Digital Infrastructure (ADI) Working Group 2021 Plan

The Working Group is focused on the promotion and launch of Autonomous Digital Infrastructure in a medium/long term perspective as a key enabler of Digital Transformation in the Industry.

List of participant organisations

5GSA
5G-DNA
TM Forum
ETSI
CCSA & 5GAIA

List of participant professionals/experts

Luigi Licciardi--5GSA
George Glass--TMForum
David Boswartick--ETSI
Ms. Zhang Jing--CCSA
Mr. Dai Jisheng--5GDNA
Martin Creaner--GIO

List of achieved deliverables in 2020 and timeline

Limited to first year (achieved results in italics)

- *Virtual Workshop 1 (July 7th) – kick off*
- *Workshop minutes*
- *Workshop Newsletter*
- *Workshop Report 1 and project proposal (Sep. 23rd)*
- *RoundTable Presentation/* Project approval *(Sep. 23rd)*
- *Presentation/ minutes on ADI at RT#6*

ADI Plan for 2021

- GIO RT#7 Autonomous Digital Infrastructure WS and 2021 Plan (Feb. 22, 2021)
- Questionnaire (Feb. 26, 2021) and Survey on ADI (March, 2021)
- Selection of main topics for GIO in 2021, extracted from the list of challenges (March 2021)
- Webinar 2: *Autonomous Networks – SDO main achievements* (April 2021 - to be confirmed)
- Web. 2 Report and Newsletter (April 2021)
- White Paper 1: *Autonomous Networks*: *Architecture evolution and Business Opportunities* (start March. 2021 – end June 2021, pub. July 2021)
- Webinar 3: *The evolution from Autonomous Networks to Autonomous Digital Infrastructure: Vertical use cases* (July 2021, to be confirmed)
- Web. 3 Report and Newsletter (July. 2021)
- GIO RT#8 ADI WG Presentation of main results and plan (September 2021)
- White Paper 2: *Autonomous Digital Infrastructure: business opportunities and requirements* (start Sep.2021 – end Nov. 2021, pub. Dec. 2021)

Review of changes to ToR and Operations Documents

As agreed at 5th GIO Roundtable meeting we the ToR and Operations document will be living documents that will be updated on an as needed basis. In recent months both documents were reviewed by the operations team members. The changes agreed by operations team members can be summarized as follows:

- ✓ Proposed Updates to Operations Document
  - Addition of the concept of working group and definition of working group;
  - Definition of the process through which working groups can be formed, who can join and how they are to operate
  - Definition of how working groups can be terminated
  - Addition of the concept of a Community of Interest
  - Definition of the process through which Communities of Interest can be formed, who can join, and how they are to operate
  - Definition of how Communities of Interest can be terminated
  - Minor grammatical update

- ✓ Proposed Updates to Terms of Reference Document
  - Removal of the requirement for a new GIO member to be formally proposed by an existing member
  - Minor grammatical edits

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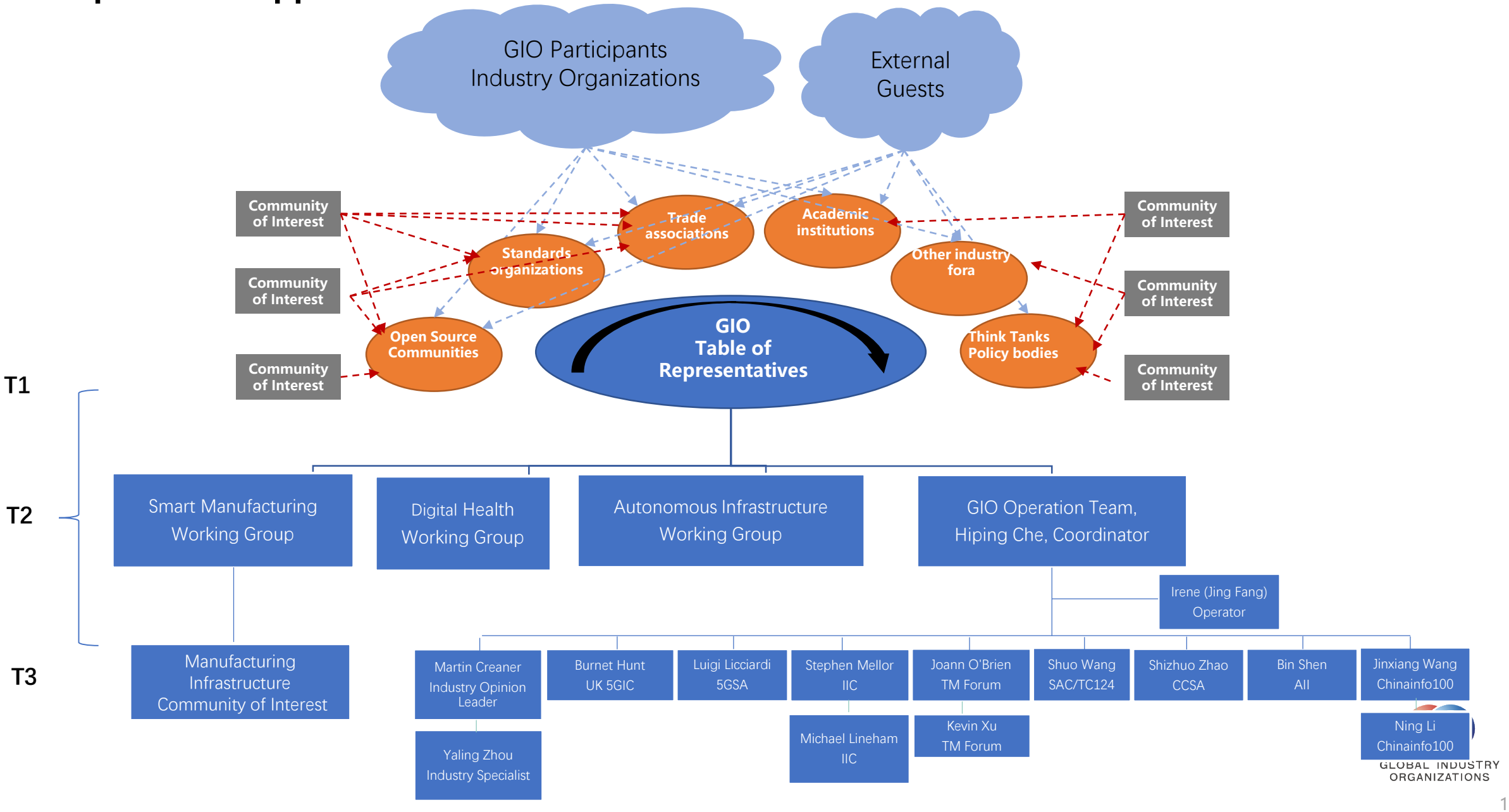
Thank you

GIO Operations approach