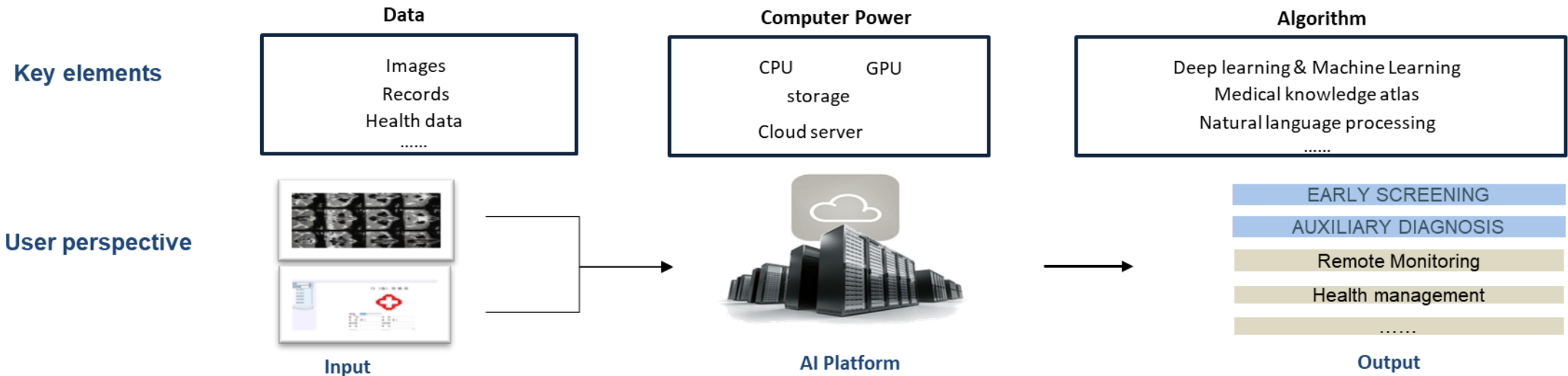
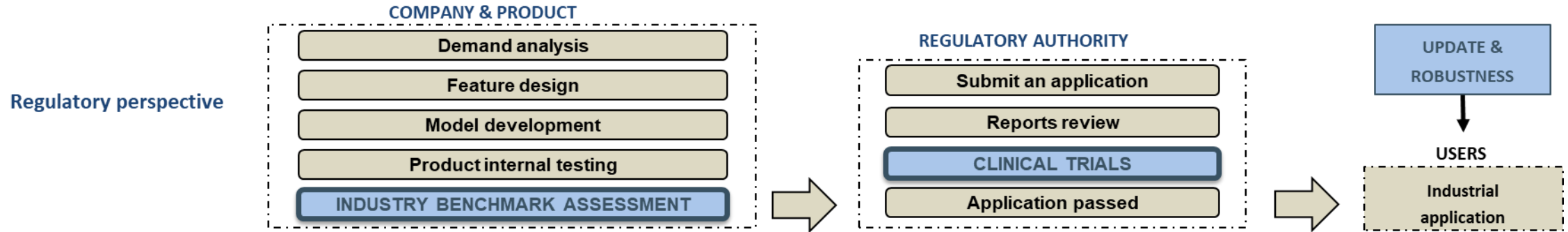


Considerations on FG-AI4H

From the perspective of countries participating

*Shan XU, Vice chair of FG-AI4H
E-health Dept. CAICT, MIIT*

General Process in AI for Health



Structure of FG-AI4H

Working Groups

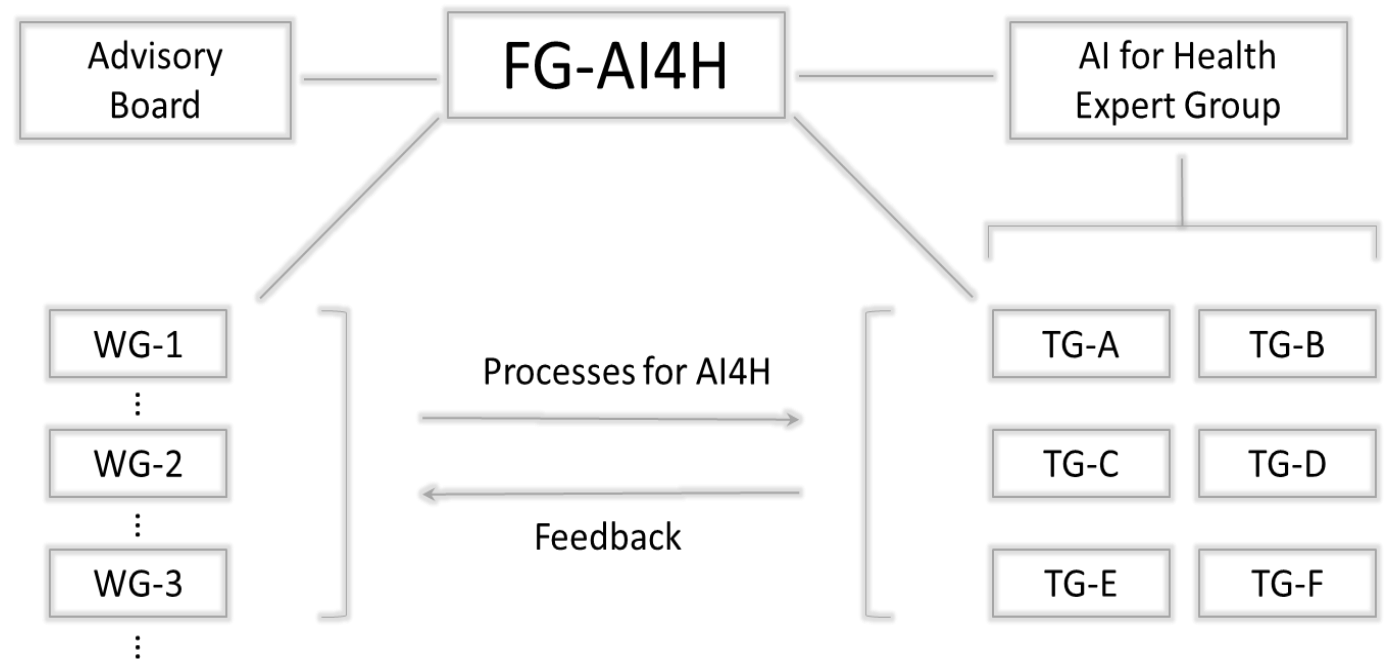
WG-DAISAM : Data and AI solution assessment methods

WG-DASH: Data and AI solution handling

WG-RC: Regulatory considerations on AI for health

WG-O: Operations

WG-HR : Health requirements

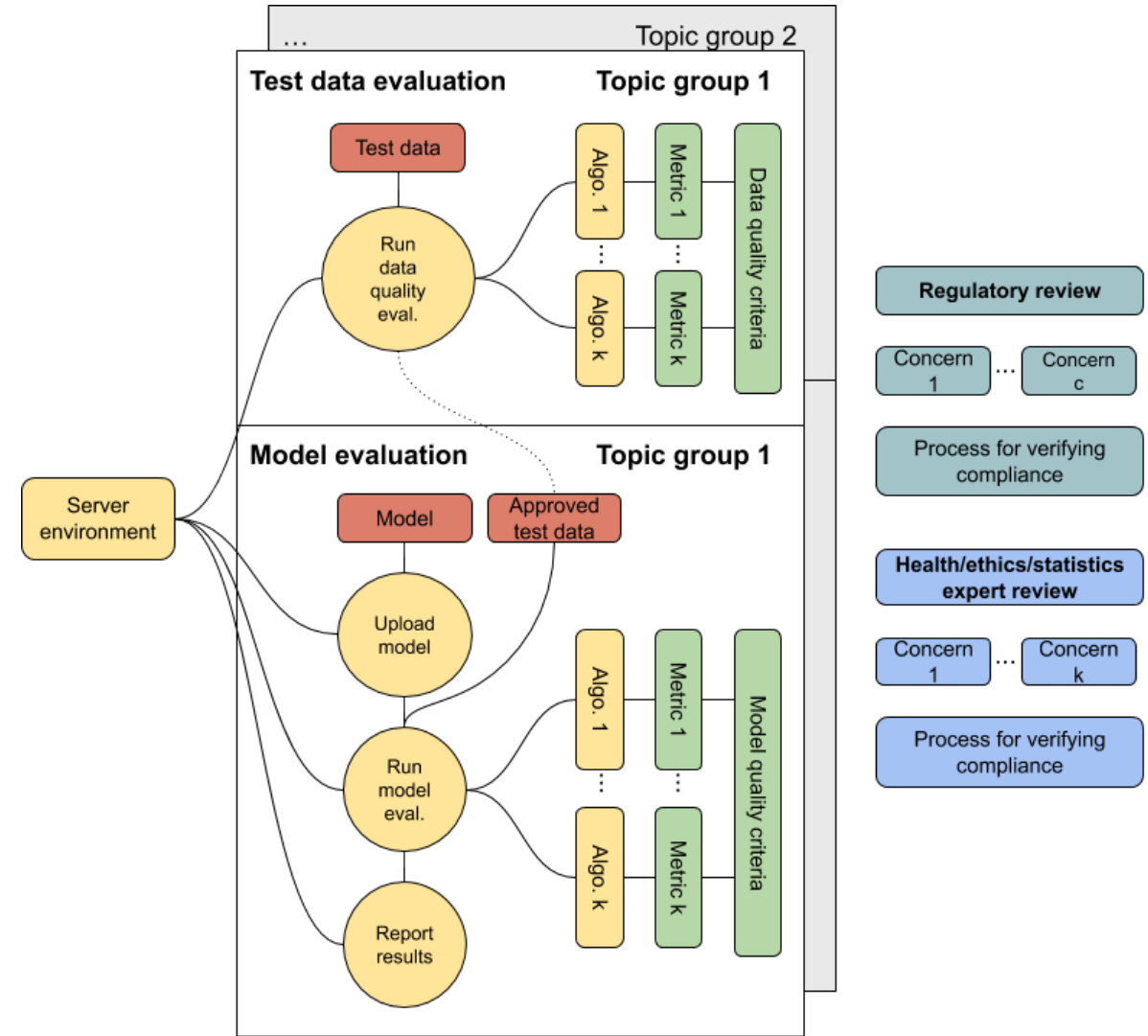


13 Current Example Health Topic Groups

Responsibilities

Current Example Health Topic Groups

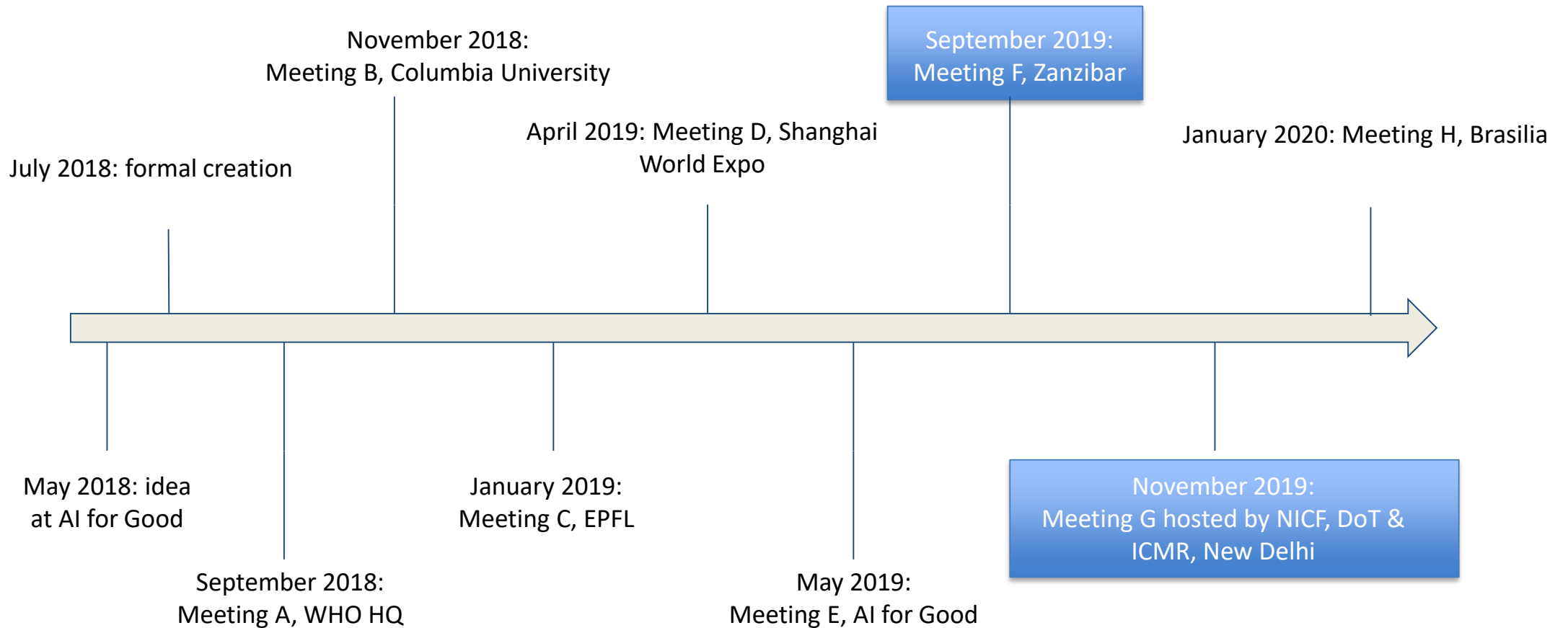
1. Cardiovascular disease risk prediction (TG-Cardio)
2. Dermatology (TG-Derma)
3. Falls among the elderly (TG-Falls)
4. Histopathology (TG-Histo)
5. Neuro-cognitive diseases (TG-Cogni)
6. Outbreak detection (TG-outbreaks)
7. Ophthalmology (TG-Ophthalmo)
8. Psychiatry (TG-Psy)
9. Raditherapy (TG-Radiotherapy)
10. Snakebite and snake identification (TG-Snake)
11. Symptom assessment (TG-Symptom)
12. Tuberculosis (TG-TB)
13. Volumetric chest computed tomography (TG-DiagnosticCT)



RESPONSIBILITIES

- TG
- WG-DAISAM
- WG-DASH
- WG-RC
- Experts

Timeline of FG-AI4H



Current output

Key current output documents:

- [FG-AI4H Whitepaper](#)
- [E-102](#): Updated call for proposals: use cases, benchmarking, and data
- [D-103](#): Updated FG-AI4H data acceptance and handling policy
- [C-104](#): Thematic classification scheme

The screenshot shows the top portion of a The Lancet article page. At the top, there is a Roche advertisement for TECENTRIQ (atezolizumab), stating it is now approved for 1L mNSCLC. Below the ad is the journal title 'THE LANCET' and navigation links for 'Log in', 'Register', 'Subscribe', and 'Claim'. The article title is 'WHO and ITU establish benchmarking process for artificial intelligence in health' by Thomas Wiegand et al. The article is published on March 29, 2019, with a DOI of https://doi.org/10.1016/S0140-6736(19)30762-7. The article text begins with: 'Growing populations, demographic changes, and a shortage of health practitioners have placed pressures on the health-care sector. In parallel, increasing amounts of digital health data and information have become available. Artificial intelligence (AI) models that learn from these large datasets are in development and have the potential to assist with pattern recognition and classification problems in medicine—for example, early detection, diagnosis, and medical decision making. ¹, ² These advances promise to improve health care for patients and provide much-needed support for medical practitioners.' The page also features a 'Recommend this journal to your librarian' button and another Roche advertisement at the bottom right.

Strategic directions might need to be considered...

- ITU-T procedures and mechanisms:
 - Working guideline of focus group
 - Deliverable requirement and standard conversion
- Stakeholder participation:
 - National perspective: effective way to collaborate industrial power
 - Data donation & benchmark VS methodology
 - Clinicians work load & Frequency of meeting

Domestic participation in China

TERMINAL



**INTERNET PLUS HEALTH CONFERENCE
INTELLIGENT HARDWARE EXHIBITION**
2016.04 @ Beijing



**MOBILE INTELLIGENT
TERMINAL SUMMIT**
2018.09 @ Beijing

NETWORK



2018 IMT-2020 (5G) Summit
2018.06 @ Shenzhen



**"BLOOM CUP" 5G APPLICATION
COLLECTION COMPETITION FINALS**
2018.06 @Beijing

DATA RESOURCES



**2018 BIG DATA INDUSTRY SUMMIT
MEDICAL BIG DATA FORUM**
2018.04 @Beijing



**MEDICAL CLOUD COMPUTING
STANDARDS WORKSHOP**
2018.10 @Beijing

Domestic participation in China

FG AI4H DOMESTIC MOBILIZATION MEETING
2018.06 @Beijing



2018 WORLD AI CONFERENCE SMART HEALTHCARE FORUM
2018.09 @Shanghai



MEDICAL AI TECHNOLOGY SEMINAR
2018.03 @Zhejiang



FG AI4H WORK CONFERENCE AND MEDICAL AI SEMINAR
2018.08 @ Beijing



MEDICAL AI ASSISTANT DIAGNOSIS EVALUATION METHOD WORKSHOP
2018.03 @Beijing



MEDICAL AI TECHNOLOGY AND STANDARDS WORKSHOP
2018.04 @Zhenzhou



Establishing a domestic group in China

- Precedent: Establish a domestic group as a support to FG
- Event: 2nd WAIC in Shanghai
- Membership:
 - NMPA(regulator) involved
 - 30 related ICT companies
 - 10 top-class hospitals
 - National standard Organization
 - Etc.



Questions for SGLA discussion

- Question 1 : probable working guideline for focus group?
- Question 2 : Target-driving for Deliverables Conversion to Standard
- Question 3: National perspective participating format?
- Etc.