

IoT Advisory Board Meeting #6

August 22-23, 2023

IoT Advisory Board Meeting # 6 Outcomes

- Review and discuss draft report (organization, content, feedback)
- Review and discuss other recommendations not in report (privacy, international, healthcare, public safety, etc.) and July speaker recommendations
- Review progress to date
- Identify other information and barrier gaps
- Agenda topic items for Meeting 7 (Sept)
- Set dates for Oct, Nov, Dec and Jan meetings

Agenda

Day 1: August 22, 2023 Tuesday

11:00 AM – Chair’s opening remarks including meeting agenda and anticipated outcomes for the meeting

11:15 AM – Outside speaker: Manu Fontaine, Hushmesh

11:30 AM - Chair/Vice Chair Comments
Timeline Review

12:30 PM - Break

12:45 PM - Discussion of draft Report
Comments on Draft Report
Organizing Themes
Report takeaways
Graphics
Other elements

4:00 PM - Recommendations from Speakers at July Meeting

4:45 PM - Wrap up of the day

5:00 PM - Adjourn for the day

Day 2: August 23, 2023 Wednesday

11:00 AM – Chair’s opening remarks for the day

11:15 AM – Recommendations requiring discussion – not in report

12:45 PM - Break

1:00 PM - Recommendations requiring discussion – not in report (continued)

4:45 PM - Wrap up

5:00 PM - Adjourn

Meeting announcements and logistics

- Speaking/Participation
- Send Barbara copies of everything you shared here today
- IoTAB to the Audience: Disclaimer
- Audience comments: please send to us
- Meeting 5 (July 2023) minutes and presentations (to be approved)

Day 1 Speakers

- Manu Fontaine, Founder and CEO, Hushmesh

IoT AB recommendations progress

Subgroup	# of recommendations	
Precision Agriculture	6	
Sustainable Infrastructure	16	Some to be upleveled, need some sustainability
Environmental Monitoring	2 presented, 2 not	
Smart traffic and transit	8	
Supply chain	17	
Privacy	7 + 2	
Cybersecurity	7	
Healthcare	2 presented,	1 to be upleveled
Public Safety	1 presented	
International	3 (1 approved, 2 review)	
Connectivity	3 (2 from ag)	

Draft IoT AB Timeline to Report Publication in January 2024



Proposed: Report content organization around select themes

Organizing Themes	Description/examples/subgroups
Enhance and modernize infrastructure supporting IoT	Connectivity, standards and interoperability, compute, etc.
Create trust in IoT	Cybersecurity, privacy, confidentiality, provenance, integrity, transparency, data usage and management
Ensure IoT supply chain integrity and resilience	Augmented Logistics & Supply Chain
Develop, grow, and maintain a workforce to support the IoT economy	Workforce Development (<i>all subgroups</i>)
Address challenges of IoT in a global ecosystem and economy	International subgroup (standards, trade, etc.)
Develop government capability to support and sustain a IoT economy	(<i>All subgroups</i>)
Facilitate industry adoption (including govt, small business adoption) and value realization of IoT.	Consumer awareness, government procurement, policies (tax credits, etc.)
Facilitate US IoT technology and innovation leadership	Research and development, technology transfer, etc.

Proposed: Report content organization around select themes cont.

Organizing Themes	Description
Align federal actions in IoT to advance policy goals	
Climate change	
Sustainability	
Healthcare	
Environmental Monitoring	
Traffic and transit technologies	
Critical infrastructure	
Precision agriculture	
Technology transfer/lab to market	
Augmented supply chains	

Action items discussion

Meeting 6 (August 2023) Actions

Action	Who	When
Consider content approach for commentary sections, including adjacent tech.	Steve, Maria, Tom, Benson	8-31-2023
Review the national standards strategy	All	
Send Greg redline updates to the draft	All	8-31-2023
Review July speaker recommendations – Chris Moore	Public Safety subgroup	8-31-2023
Review July speaker recommendations – Mei Lin Fung (where does it fit?)	Ann	8-31-2023
Review July speaker recommendations – Chris Autry	Benson	8-31-2023
Review July speaker recommendations – Paul Eisler	Dan, Mike, Steve	8-31-2023
Collate speaker recommendations from previous speakers for board review	Benson	8-31-2023
Update intelligent traffic recommendation	Steve	8-31-2023
Update intelligent traffic recommendation (small business)	Steve, Debra	8-31-2023
Create overarching carbon measurement recomm, and ag, supply chain, sustainable infrastructure (Ranveer to send out initial recomm copy)	Tom, Steve, Sustainable infrastructure, Ranveer	8-31-2023
Update international recommendation (cyber trustmark) 14.1	Mike, Dan	8-31-2023
Continue discussion and refine on National Emerging Tech Office	Dan, Mike, Pete	8-31-2023
Update wording and split healthcare recommendations (2.7) into 2 recommendations	Maria, Debbie	8-31-2023

Meeting 6 (August 2023) Actions

Action	Who	When
Cybersecurity recommendation 6 – continue research and update (consider moving into Section 6)	TomKat, Steve	8-31-2023
Cybersecurity recommendation 7 – research VEX, update	Mike	8-31-2023
NIST/Greg to reach out to person updating PPD21	Greg	8-31-2023
Integrate themes into draft	Greg	8-31-2023
Confirm with Ranveer on generative AI recommendation	Benson	8-31-2023
Review next draft – consider personas addressed by recommendations to make sure various personas are covered	All	9-20-2023

Sub-team readouts

- [TBD] Sustainable Infrastructure
- [TBD] Supply Chain
- [TBD] Smart Traffic and Transportation
- [TBD] Public Safety

Key Takeaways – Day 1

Action items – Day 1

Key Takeaways – Day 2

- tbd

Planning – Next Meeting

Meeting #7 planning

- Next meeting September 26-27, 2023
- Virtual format
- Speakers
- Topics

Reminder

Please send to Barbara
electronic copies of everything
you shared here today.