

ACECC TC28 3rd Meeting on 17th July 2024



Outline

No.	Time in JST	Contents	Presenter
1	21:30 – 21:35	Opening	Chair
2	21:35 – 21:40	Overall schedule of TC28, Information of CECAR10@Jeju, Expected final deliverable of TC28	Nakano (JSCE)
3	21:40 – 21:50	Discussion1	ALL
4	21:50 – 22:05	Brief introduction on Chapter2-9 of the Guideline	Goda (JSCE)
5	22:05 – 22:15	Chapter allocation of the Guideline, Task details for the allocated chapter, Expected work and schedule	Nakano (JSCE)
6	22:15 – 22:55	Discussion2	ALL
7	22:55 – 23:00	Closing	Chair

Expected Participants for today's meeting

Attendance availability checklist for the 3rd TC28 meeting

in Japanese Standard Time

			17-Jul	17-Jul	17-Jul	17-Jul	17-Jul	17-Jul	17-Jul
Organization	Name	Group	2pm-3:30pm	3:30pm-5pm	5pm-6:30pm	6:30pm-8pm	8pm-9:30pm	9:30pm-11pm	11pm-12:30am
JSCE	Dr. Eiki Yamaguchi	Both	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JSCE	Dr. Masaaki NAKANO	Both	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JSCE	Mr. Tetsuro GODA	Both	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ASCE	Dr. Chungwook Sim	TC member	Yes	No	No	No	Yes	Yes	Yes
CICHE	Dr. Tzu-Kang Lin	TC member	Yes	Yes	Yes	Yes	Yes	Yes	Yes
EA	Dr. Shane Scriven	TC member	-	-	-	-	-	Yes	-
IEB	Dr. A.F.M.Saiful Amin	TC member	-	-	-	-	-	Yes	-
IEP	Dr. Shamsoon Fareed	TC member	No	No	No	No	Yes	Yes	Yes
IEP	Mr. Wajahat Nassar	TC member	-	-	-	-	-	Yes	-
KSCE	Dr. Chang-Su Shim	TC member	Yes	Yes	Yes	Yes	Yes	Yes	Yes
KSCE	Dr. Robin Eunju Kim	TC member	-	-	-	-	-	Yes	-
PICE	Dr. Benito M. PACHECO	TC member	-	-	-	-	Yes	Yes	-
VFCEA	Dr. Pham Hoang Kien	TC member	-	-	-	-	-	-	-
VFCEA	Dr. Le Thanh Binh	TC member	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JSCE	Kimitoshi MATSUYAMA	Japanese National Committee	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JSCE	Masaki MIYAMURA	Japanese National Committee	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JSCE	Hiroshi DOBASHI	Japanese National Committee	No	Yes	Yes	No	No	Yes	Yes
JSCE	Manabu KASAHARA	Japanese National Committee	Yes	Yes	No	No	No	No	No
JSCE	Motoharu KAWANISHI	Japanese National Committee	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JSCE	Takashi HARADA	Japanese National Committee	-	-	-	-	-	Yes	-

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Photo Session

**Could you please turn your camera on?
(We will use 'together mode' of Microsoft Teams.)**

1. Opening



Opening

Chair of TC28 (also, Japanese Representative of ACECC)



Name:

Prof. Eiki YAMAGUCHI

Affiliation:

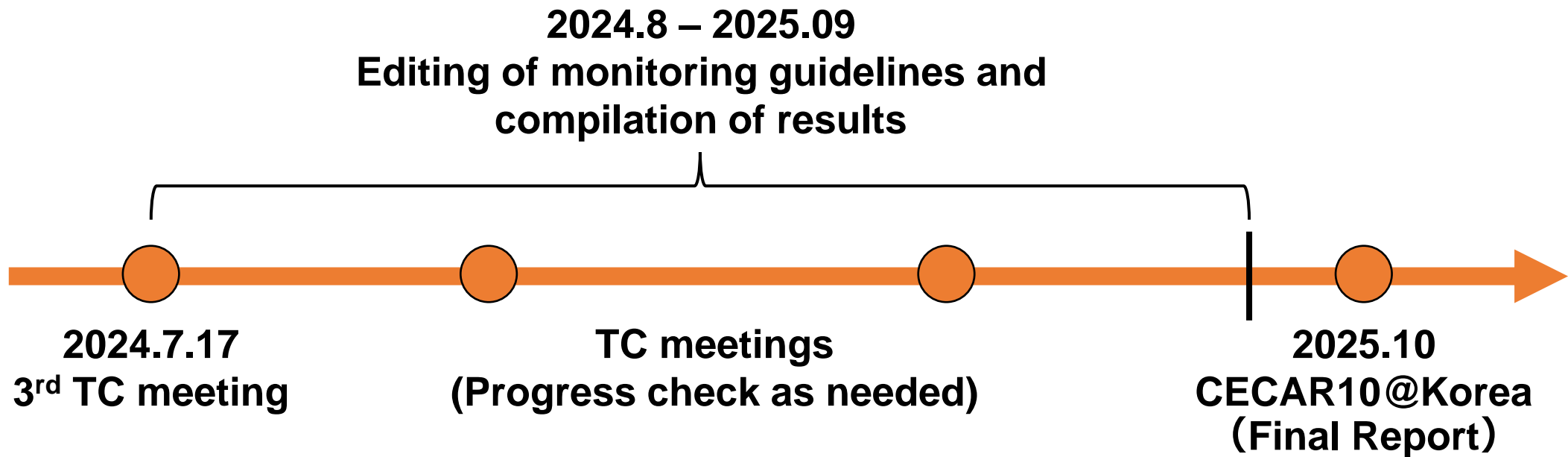
**Department of Civil Engineering,
Kyushu Institute of Technology**

2. Overall schedule of TC28, Information of CECAR10@Jeju, Expected final deliverable of TC28



Background of TC Establishment

- The deadline for TC, initially set for September 2024, will be extended by approximately one year.
- We will focus on editing the monitoring guidelines and compiling the results in preparation for CECAR10.



CECAR: Civil Engineering Conference in the Asian Region

No.	Date	Country	Organized by	Theme
CECAR1	February 19-20, 1998	Manila, Philippines	PICE	Asian Infrastructure, Sustainable Development & Project Management
CECAR2	April 16-20, 2001	Tokyo, Japan	JSCE	Infrastructure Development in the Asian Region
CECAR3	August 16-19, 2004	Seoul, Korea	KSCE	Moving Asia into The Future
CECAR4	June 25-27, 2007	Taipei, Taiwan	CICHE	Working for Asian Sustainability
CECAR5	August 8-12, 2010	Sydney, Australia	EA	Innovative Community Building
CECAR6	August 20-22, 2013	Jakarta, Indonesia	HAKI	Embracing the Future through Sustainability
CECAR7	August 30-September 2, 2016	Honolulu, USA	ASCE	Ho-omalalama: Building a Sustainable Infrastructure in the Asia Pacific Region
CECAR8	April 16-18, 2019	Tokyo, Japan	JSCE	Resilient Infrastructures in Seamless Asia
CECAR9	September 21-23, 2022	Goa, India	ICE(I)	Sustainable Design and Eco Technologies for Infrastructure
CECAR10	October 21-24, 2025	Jeju, Korea	KSCE	Sustainable Management and Resilient Technology in Civil Engineering



*500-1000
participants from
all over the world!!*

Information of CECAR10@Jeju

- CECAR10 will be held from October 21-24, 2025, on Jeju Island, Korea.

<Requirements>

- The deadline to apply for a session is the end of this year.
- An abstract of 300-500 words must be submitted for each presentation in a session.
- Presentations must be delivered **in person**. Video and online presentations are not allowed.



Expected final deliverable of TC28

- Our final deliverable (tentative) is as follows:

PPTs will be open to public if they are included in the final deliverable. We will ask everyone later if or not it's fine to put your PPT in the deliverable.

1. PPTs used in the previous seminars,

Meeting	1st TC Meeting on 17th Mar 2022	CACAR9 on 22nd Sep 2022	2nd TC Meeting on 27th Sep 2023	ECM@Manila on 29th Feb 2024
Theme	Current State and Issue of Maintenance and Monitoring in Each Society/Institution	Current State and Issue of Maintenance and Monitoring in Each Society/Institution	Explanation on the Monitoring Guideline and Result of the Questionnaire answered by VFCEA, KSCE, and JSCE	Application of Monitoring Technology for Infrastructure Maintenance
Presenter / Organization	Tetsuro GODA / JSCE	Robin Eunju Kim / KSCE	Masaaki NAKANO / JSCE Tetsuro GODA / JSCE	Masaaki NAKANO / JSCE Tetsuro GODA / JSCE
	Chang-Su Shim / KSCE	Tzu-Kang Lin / CICHE		Chang-Su Shim / KSCE
	Shamsoon Fareed / IEP	A.F.M.Saiful Amin / IEB		Takashi HARADA / JSCE
	Chungwook Sim / ASCE	Masaki Miyamura / JSCE		Le Thanh Binh / VFCEA
	-	-		Hiroshi DOBASHI / JSCE
EA, PICE have not made a presentation yet.				

2. PPTs made for CECAR10, which includes overview of the guideline and activity history of TC28,
3. Final version of the ACECC monitoring Guideline (plus examples from various countries if possible).

3. Discussion1

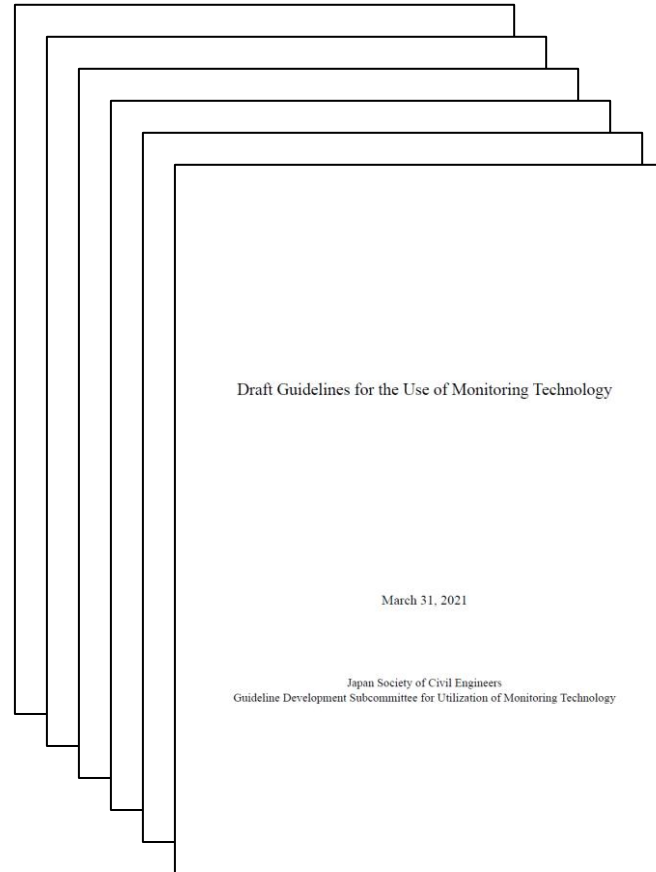
Discussion1

21:40 – 21:50 in JST

4. Brief introduction on Chapter2-9 of the Guideline

Brief introduction on Chapter2-9 of the Guideline

- We will briefly explain the contents of Chapter2-9 by showing the pdf file.



5. Draft chapter allocation of the Guideline, Task details for the allocated chapter, Plan for the work process

Draft chapter allocation of the Guideline

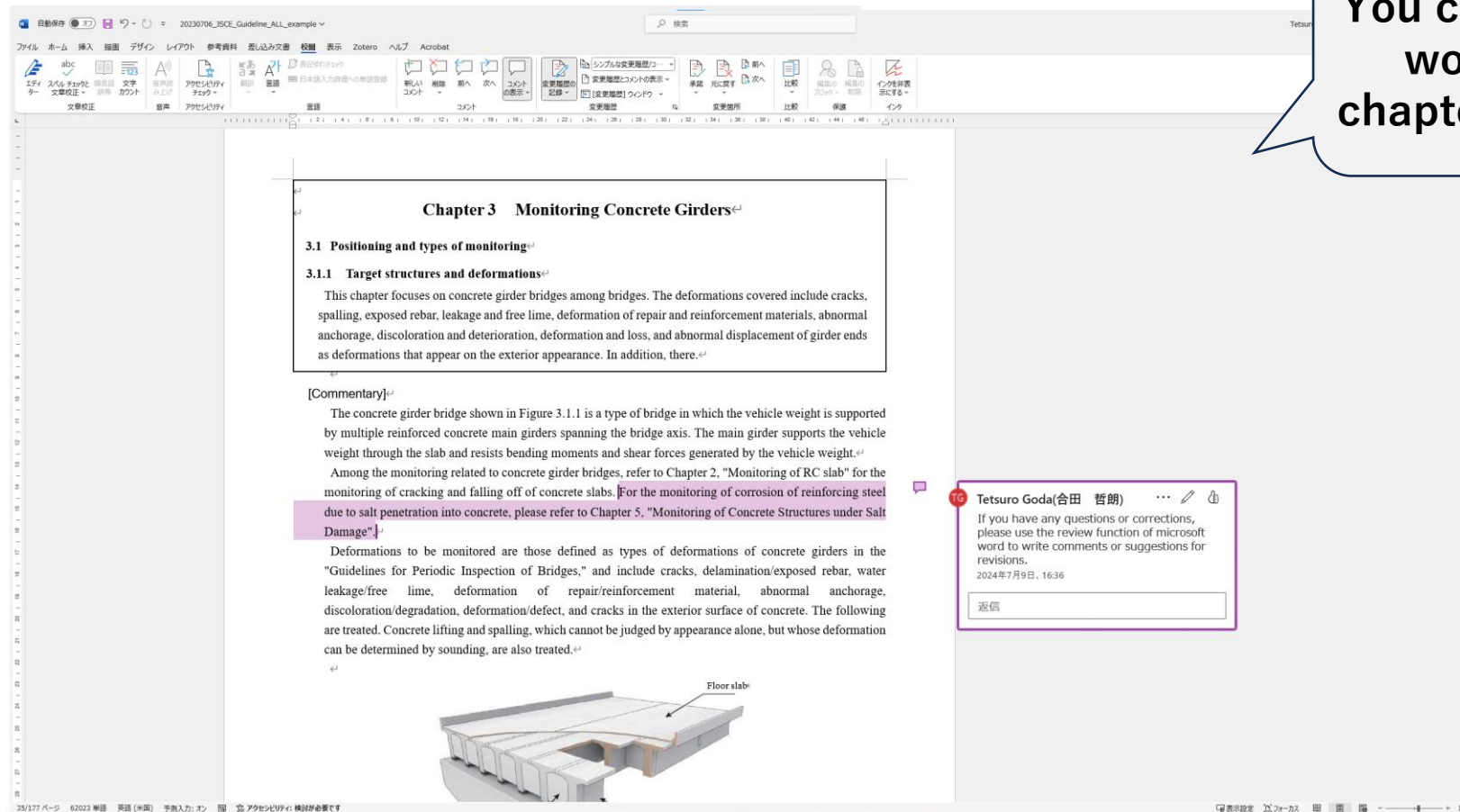
- The table below shows the tentative chapter allocation of the guideline.

Red: TC member
Green: Japan committee

Chapter	Tentative presenter @CECAR10	Leader	Member
2 Monitoring of Concrete Slabs	-	Dr. Sim(ASCE)	Dr. Fareed(IEP)
3 Monitoring of Concrete Girders	-	Dr. Shim(KSCE)	Dr. Kien(VFCEA)
4 Monitoring of Steel Girders	-	Dr. Lin(CICHE)	Dr. Yamaguchi(JSCE)
5 Monitoring in Salt-damaged Environments	-	Dr. Scriven(EA)	Dr. Nakano(JSCE)
6 Monitoring of Bridge Piers and Foundations	-	Dr. Pacheco(PICE)	Dr. Yamaguchi(JSCE)
7 Monitoring of Glide Surfaces and Slopes	-	Dr. Binh(VFCEA)	Dr. Nakano(JSCE)
8 Collection of Monitoring Data	-	Mr. Nassar(IEP)	Mr. Goda(JSCE)
9 Data Storage and Utilization	-	Dr. Kim(KSCE)	Mr. Goda(JSCE)
10 Cable-stayed Bridge (New chapter)	-	Dr. Amin(IEB)	Dr. Harada(JSCE) Dr. Kawanishi(JSCE)

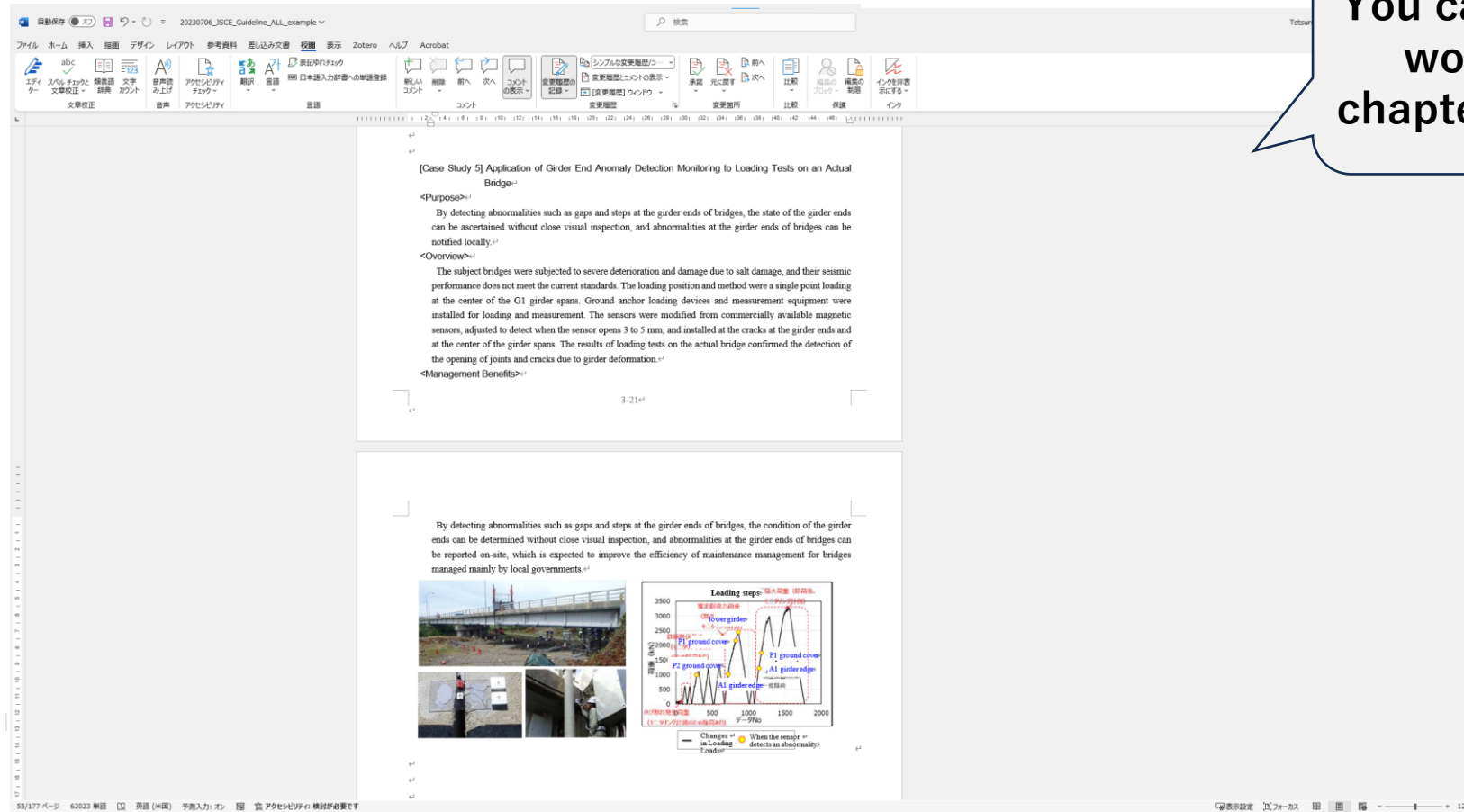
Task details for the allocated chapter

- If you have any questions or corrections, please use the review function of Microsoft word to write **comments or suggestions for revisions**.






Task details for the allocated chapter

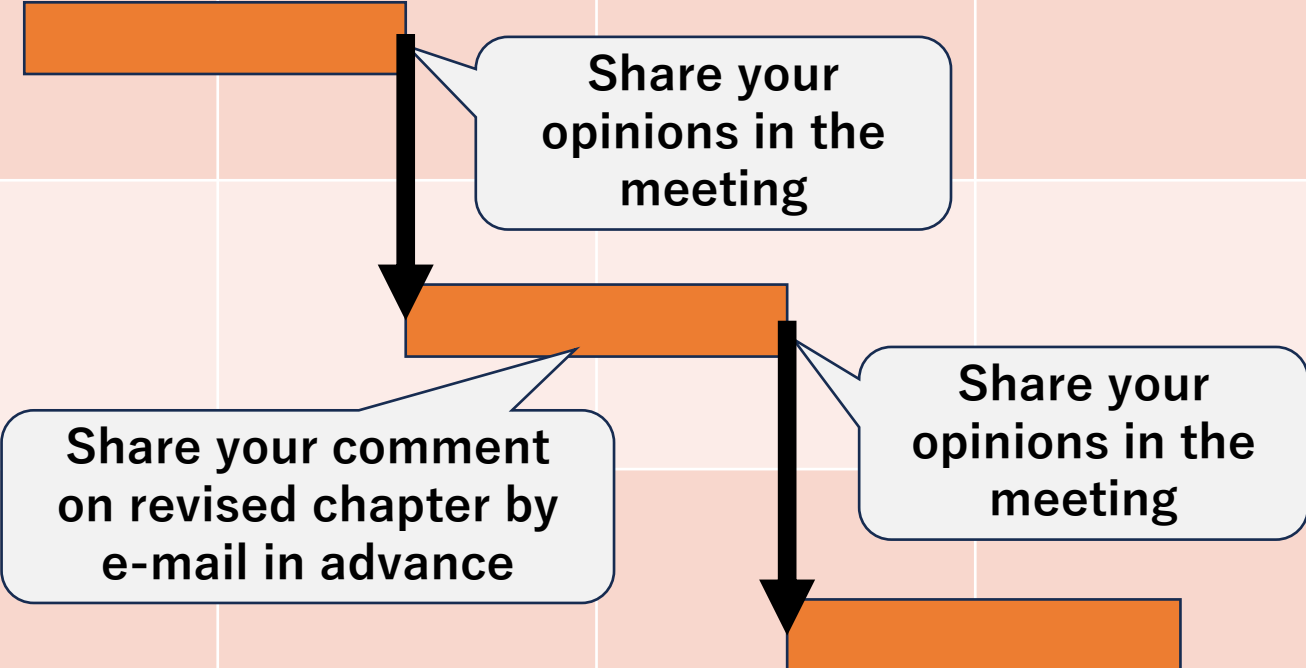
- The chapters from 2-7 introduces some monitoring technologies and its practical application. Please add **other examples** if you have.



You can also do this work for other chapters if you want.

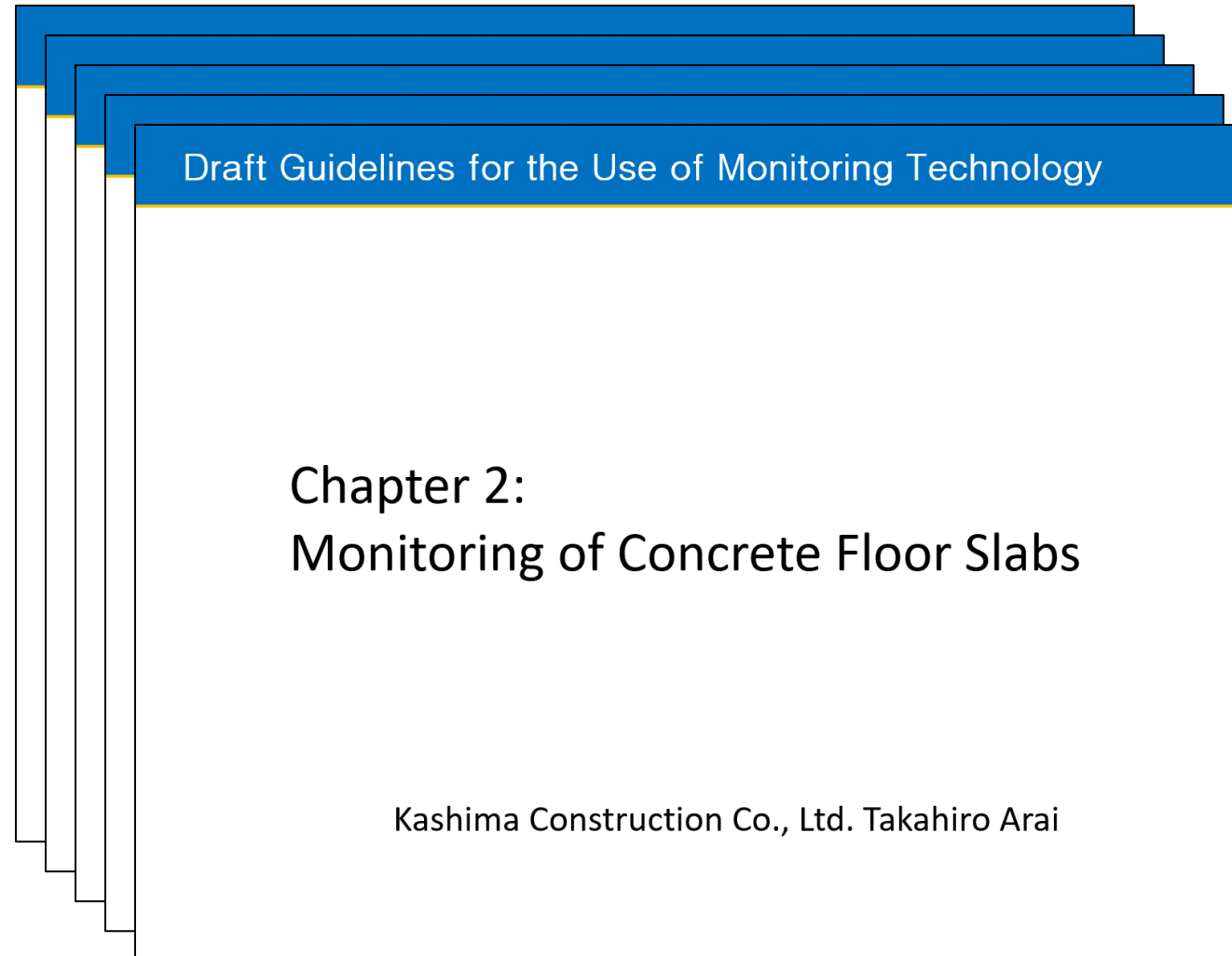
Expected work and schedule

No.	Work	3 rd meeting (2024.7)	4 th meeting (2024.10)	5 th meeting (2025.2)	CECAR10 (2025.10)
1	Revisions, suggestions, and comments for the Guideline				
2	Finalize the guideline in response to the opinions in 4 th meeting				
3	Preparation for CECAR10 <ul style="list-style-type: none"> • Make an abstract • Make a PPT material • Give a presentation at CECAR10 				



Supplemental materials of the Guideline

- You can refer to the supplemental PPTs when you prepare for a presentation in CECAR10.



6. Discussion2

Discussion2

22:15 – 22:55 in JST

7. Closing

Closing

Thank you for your kind attention!