



AP-PLAT

Asia-Pacific Climate Change Adaptation Information Platform

4th International Platformers Meeting

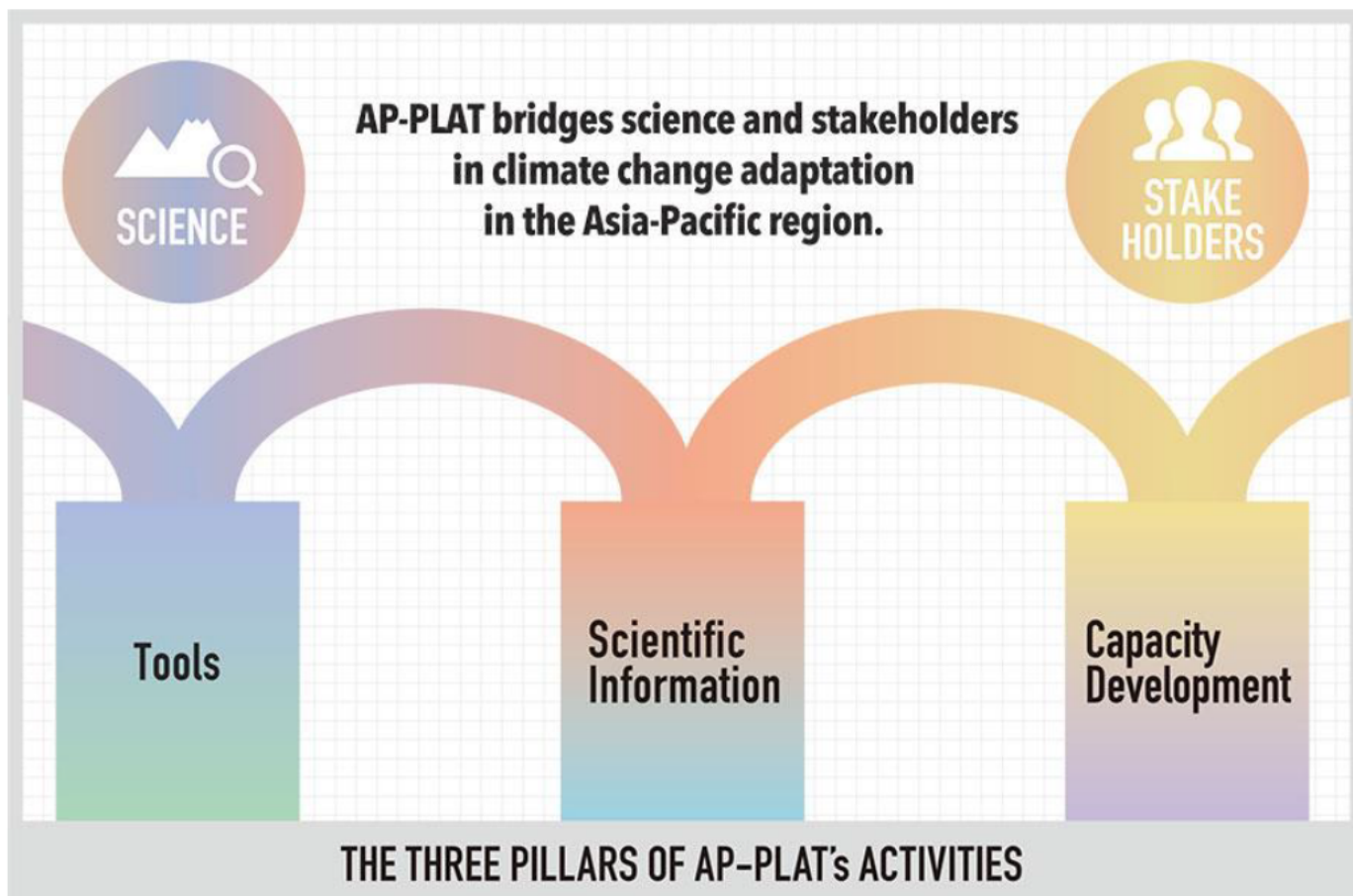
Dec. 15, 2023

Yuji Masutomi

Center for Climate Change Adaptation,
National Institute for Environmental Studies

What is **AP-PLAT**?

AP-PLAT is a web-based information platform on climate change adaptation in Asia-Pacific region.

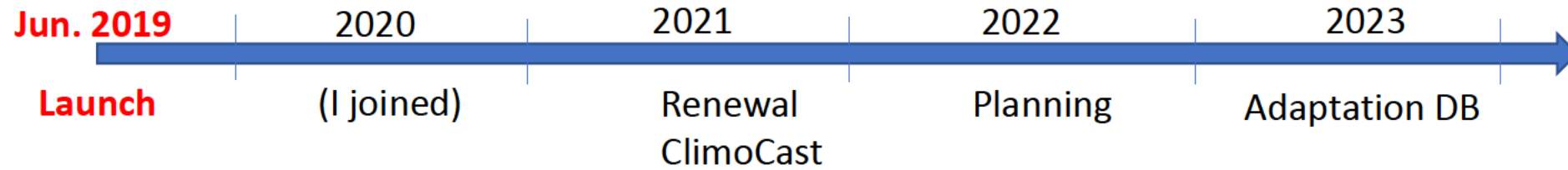


Promoting climate change adaptation by providing

1. Scientific information
2. Scientific tools
3. Capacity development

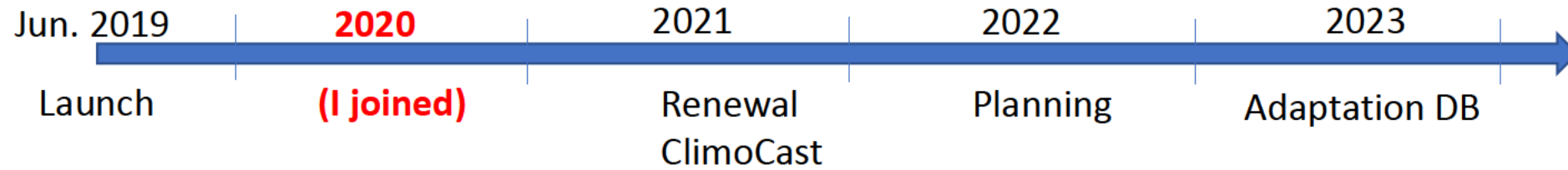


Development history

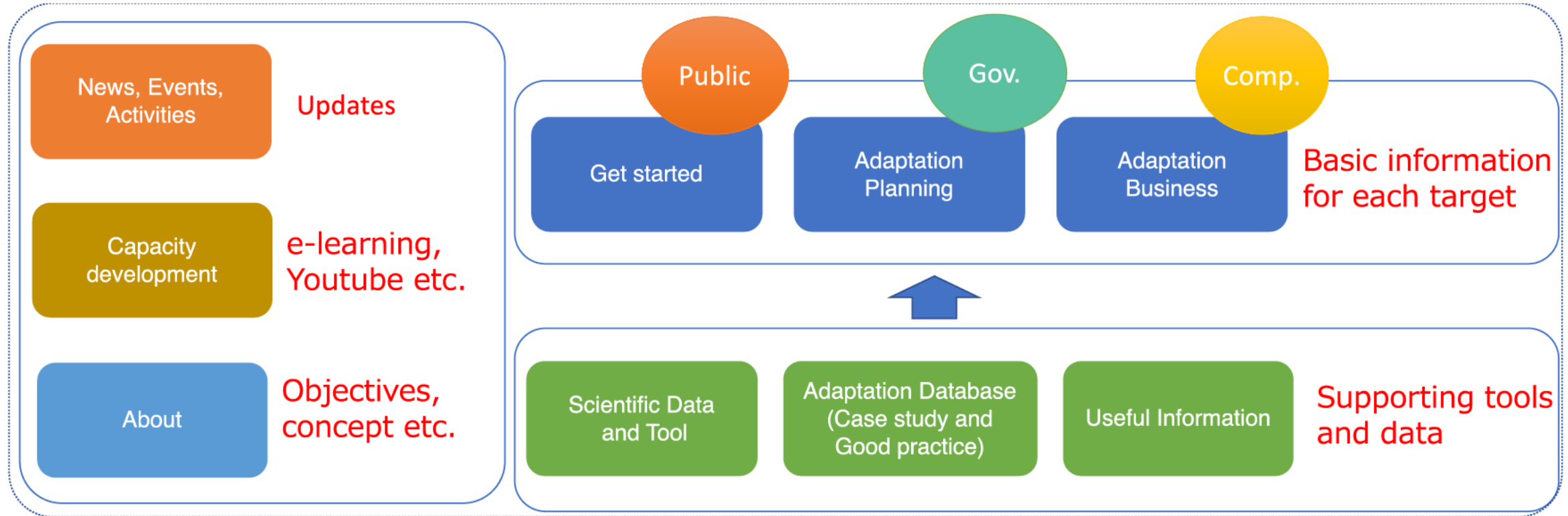


AP-PLAT was launched in Jun. 2019 on the G20 Ministerial Meeting

Development history

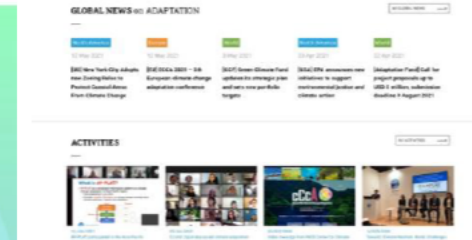
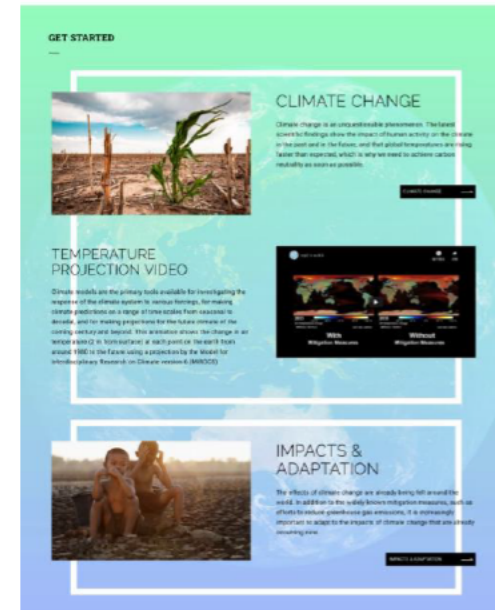
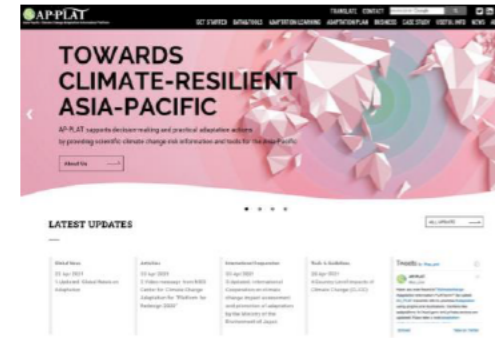
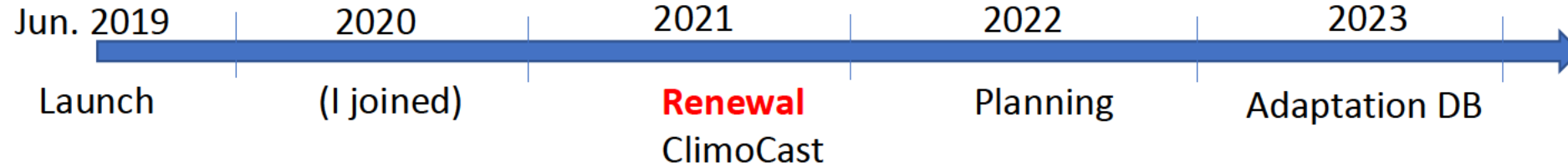


Basic Structure of AP-PLAT



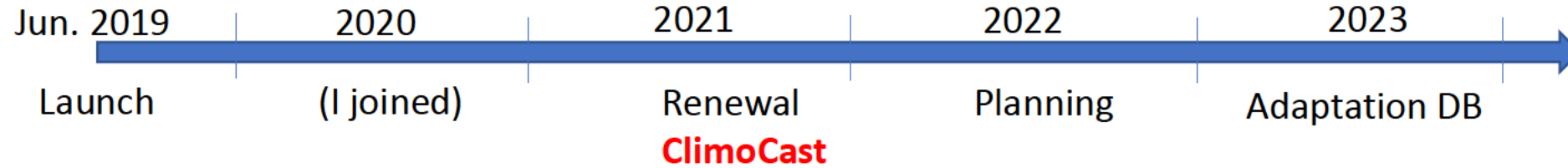
Will be completed until Mar. 2026.

Development history



AP-PLAT was renewed
in Nov. 2021@COP26

Development history



ClimoCast: CMIP6 viewer and downloader

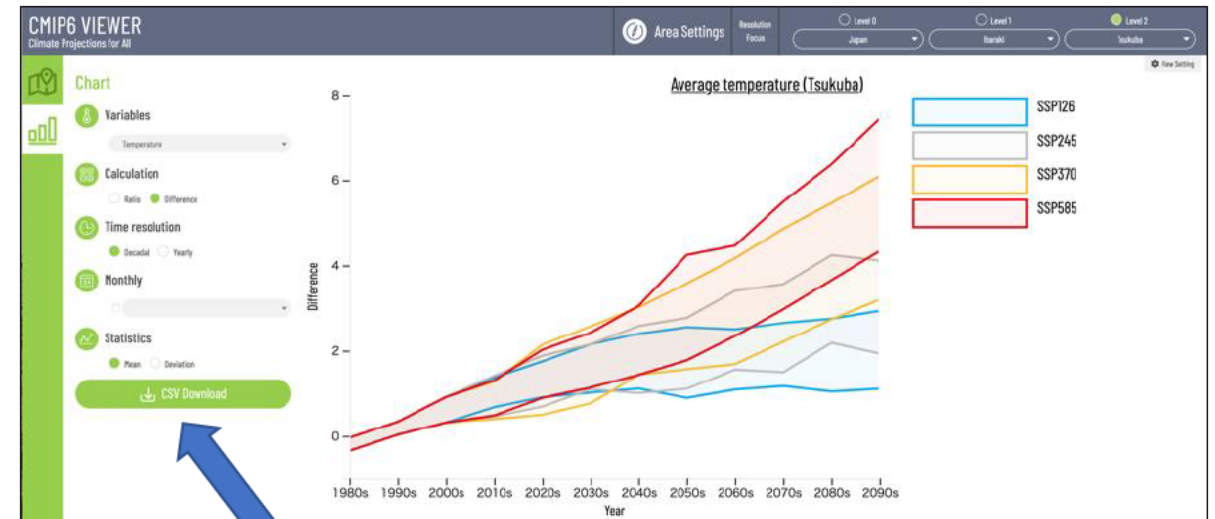
Map mode

You can geographically compare future climates between climate scenarios (10 GCMs and 4 SSPs)



Time series mode

You can compare future climate changes over time between climate scenarios (10 GCMs and 4 SSPs)



You can download data in CSV format by one click

Climate projections are available the fastest and easiest.

Development history

Jun. 2019

Launch

2020

(I joined)

2021

Renewal
ClimoCast

2022

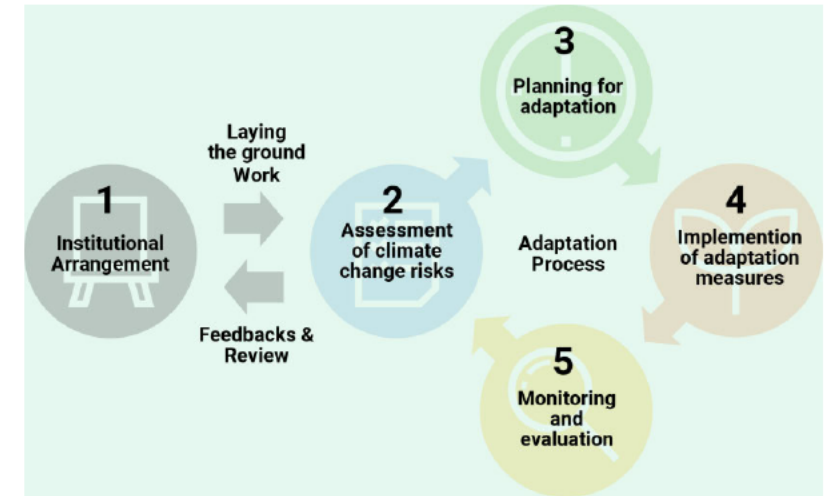
Planning

2023

Adaptation DB

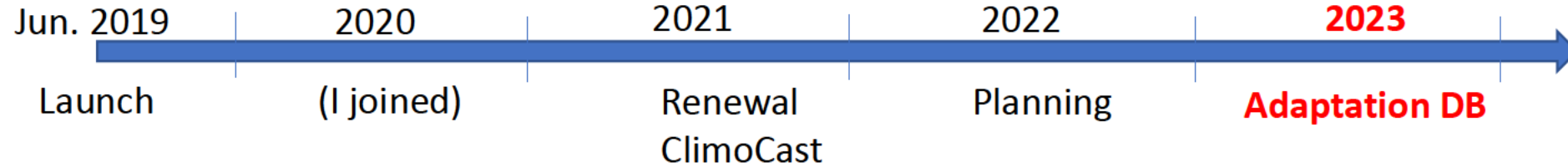
The screenshot shows the AP-PLAT website with a navigation bar at the top. The main heading is 'ADAPTATION PLANNING'. Below it, there is a paragraph explaining the importance of adaptation planning and the UNFCCC process. A circular diagram illustrates the 'ADAPTATION PLAN DEVELOPMENT PROCESS' with five steps: 1. Laying the ground work, 2. Assessment of climate change risks, 3. Planning for adaptation, 4. Implementation of adaptation measures, and 5. Monitoring and evaluation. Below this, there is a section titled 'NAP PROCESS UNDER THE UN FRAMEWORK' with a photo of a meeting and a 'SEE MORE' button.

The screenshot shows the 'EXPANDED UPDATE Adaptation Planning' section. It features a circular diagram with five steps: 1. Institutional Arrangement, 2. Assessment of climate change risks, 3. Planning for adaptation, 4. Implementation of adaptation measures, and 5. Monitoring and evaluation. Below this, there are two sections: 'STATUS OF ADAPTATION IN THE ASIA-PACIFIC' with a photo of people working in a field, and 'FINANCE & IMPLEMENTATION' with a lightbulb icon. Both sections have 'SEE MORE' buttons. The footer includes the AP-PLAT logo and various partner logos.



Adaptation planning
was opened in Nov.
2022@COP27

Development history

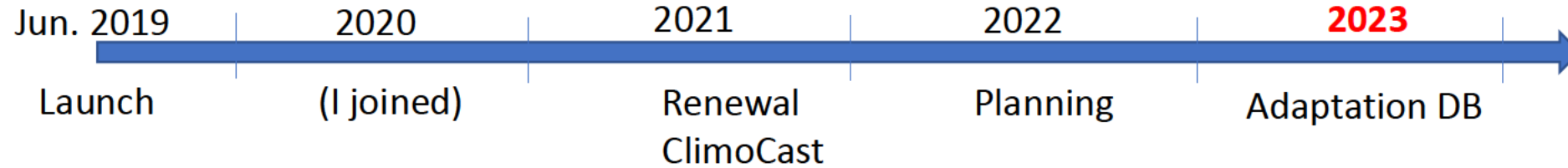


Adaptation Database was launched in Dec 2023

The image displays three overlapping screenshots of the AP-PLAT website's Adaptation Database. The leftmost screenshot shows the 'ADAPTATION DATABASE - LIST VIEW' with a grid of 223 results, including 'EU Strategy on Adaptation to Climate Change', 'Asia-Pacific Network for Global Change Research (APN-GCR)', and 'Mudflats as ecosystem services hotspots - Japan'. A large blue arrow points from this view to the middle screenshot, which shows the 'EU Strategy on Adaptation to Climate Change' entry. The rightmost screenshot shows the 'Asia-Pacific Network for Global Change Research (APN-GCR)' entry. Both detailed views include an overview, principles, related policy, and links sections.

Learning from others' good practices is a good practice itself

Development history



AP-PLAT Framework for Actions (March 2023)

1. Vision, Mission, Approach of AP-PLAT

The vision, mission and approach of AP-PLAT shall be as follows:

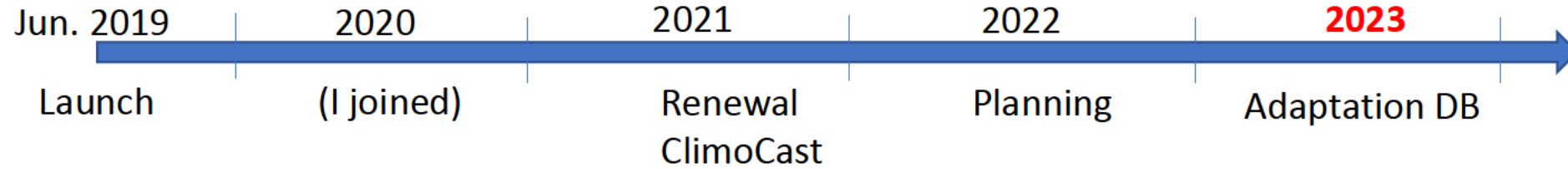
Vision	Sustainable and climate resilient development in the Asia-Pacific region
Mission	The mission of AP-PLAT is to support best science-based decision-making and promotion of effective climate change adaptation measures in the Asia-Pacific region, in light of climate change risks, through strengthening partnerships with diverse stakeholders, and to boost international adaptation efforts, with the UNFCCC process at its core. In particular, AP-PLAT aims to contribute to the achievement of the Global Goal on Adaptation (GGA) set out in the Paris Agreement, given the importance of improving all countries' capacity in adaptation, strengthening resilience, and reducing vulnerability.
Approach	<p>To achieve its mission, AP-PLAT will pursue the following basic approaches.</p> <ul style="list-style-type: none">• Actively promote partnerships with national and local governments, relevant organizations, and the private sector, which are key actors in promoting adaptation measures in the Asia-Pacific region. Specifically, AP-PLAT will function as an effective platform for creating opportunities for collaboration and promoting dialogue among supporting organizations and will effectively promote good adaptation practices.• Establish three pillars of AP-PLAT activities, namely developing a scientific information and knowledge base, providing support tools, and capacity development and development of human resources through the above partnerships.• Analyze and understand trends in adaptation needs in the Asia-Pacific region, and actively promote collaboration and dialogue with existing initiatives and platforms, to accurately prioritize adaptation needs in the region and focus on activities that are complementary and value-added to existing efforts, including those by AP-PLAT supporting organizations.

- Early action
- LLA
- Cascade disaster risks
- M&E
- Synergy CC and biodiversity
- Public-private partnership



**AP-PLAT Framework
for Action**
2023-2025

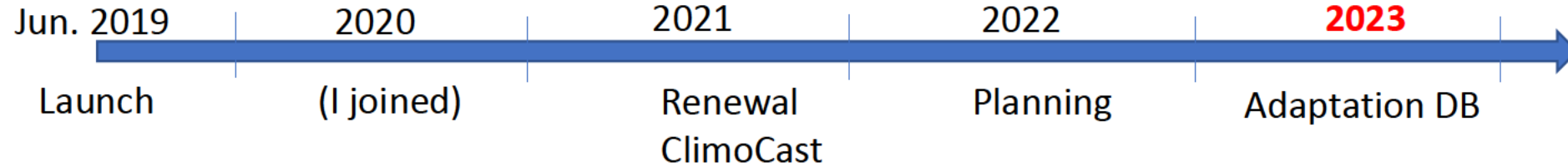
Development history



Partner/supporting Organization



Development history



Japan International Cooperation Agency (JICA) Training session, Japan, April 2023



Capacity development

Workshop on the Compound and Cascading Disaster Risk Management in Bangladesh, By IGES, January 2023



E-learning courses

E-LEARNING COURSES

Followings are the self-paced e-learning videos for the emerging adaptation issues such as Nature-based Solutions, Compound & Cascading Disaster Risk and instructions of climate projection tools. Start now to learn.

SEARCH ITEMS

TARGET

- ☐ National government
- ☐ Local government
- ☐ Research & Education
- ☐ NGO & Community

AREA

- ☐ Agriculture, Forestry and Fishery
- ☐ Water
- ☐ Natural ecosystems
- ☐ Land
- ☐ Health
- ☐ Economy
- ☐ Urban

METHOD

- ☐ Adaptation Planning
- ☐ Finance

Search



DEVELOPING CONCEPT NOTES FOR THE GCF SIMPLIFIED APPROVAL PROCESS

August 2022

This course has been carefully designed to provide guidance on the fundamental components of project development following the principles of learning-by-doing. After completing the course, you will gain the ability to develop a high quality concept note for the Green Climate Fund's Simplified Approval Process (GCF SAP), which will help you apply for project preparation funding and advance towards the Funding Proposal stage.



INAS: INSPIRED BY NATURE-BASED ACTIONS AND SOLUTIONS

October 2021

"INAS" originates from the Japanese word Inasu, which means to proactively cope with disasters by making use of the natural environment. Showcasing good practices on NbS, this website is a source of inspiration for how communities can address various societal issues including climate change by being in harmony with nature.

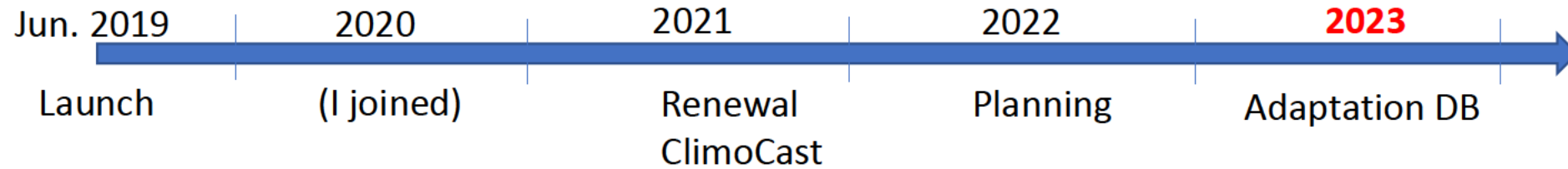


NATURE-BASED SOLUTIONS FOR THE LOCAL COMMUNITIES

October 2021

This e-learning course on NbS is designed to help local officers in vulnerable countries learn how to integrate NbS into their policymaking processes with respect to climate change adaptation, disaster risk management, and other issues.

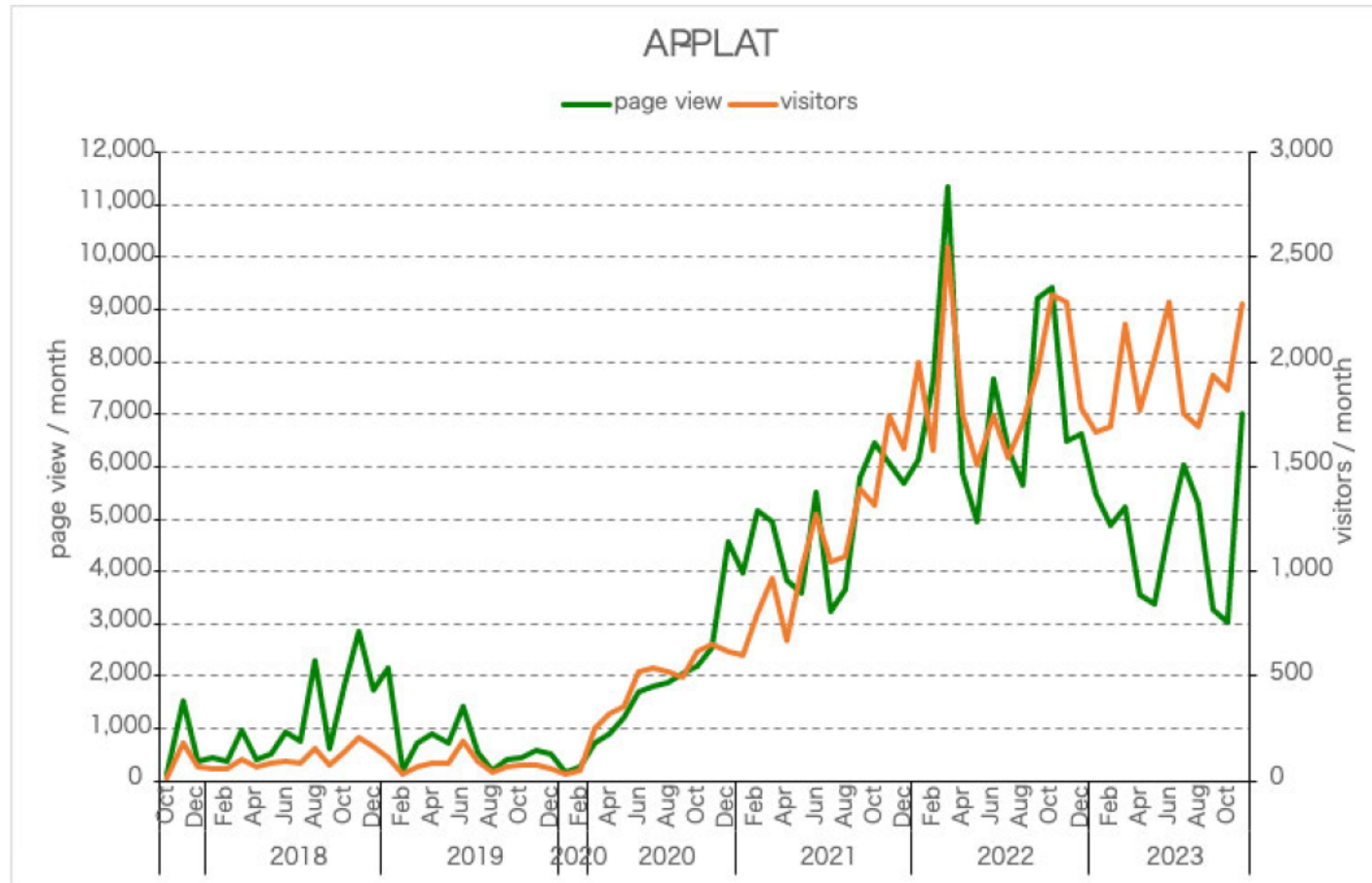
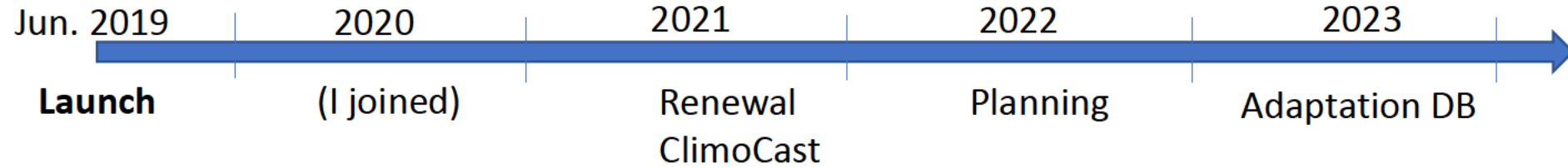
Development history



- **4/17-21**: SPREP Capacity Dev WS@Fiji.
- **4/19**: AIT Training WS (online)
- **4/26**: JICA Training@NIES
- **5/29-6/6**: AIT Training WS+ Visit Organizations in Thailand
- **6/21**: OECC Symposium
- **6/22-23**: ADB WS@Bangkok
- **7/11**: JICA Training(for Ethiopia)
- **7/24-28**: PCCC Training WS@Marshall
- **Aug 28-Nov 1**: APAN forum@Incheon
- **Sep 8**: UNU Lecture
- **Sep 15**: AIM WS
- **Sep 15**: JICA training WS(for Nepal)
- **Nov 23**: INREM symposium
- **Dec. 11**: COP28
- **Dec. 15**: ICAP

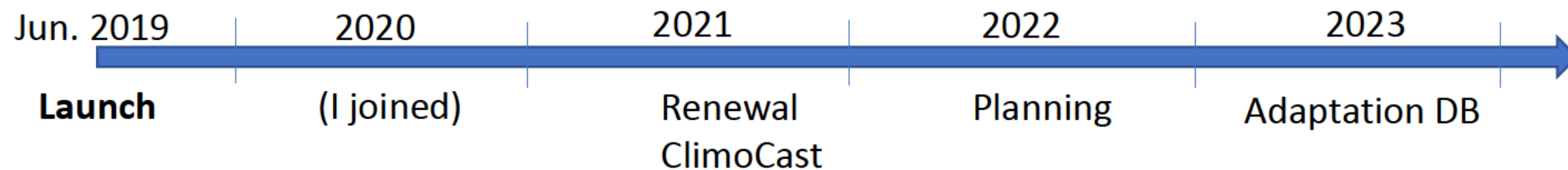


Development history



Visitors are slightly increasing recently.

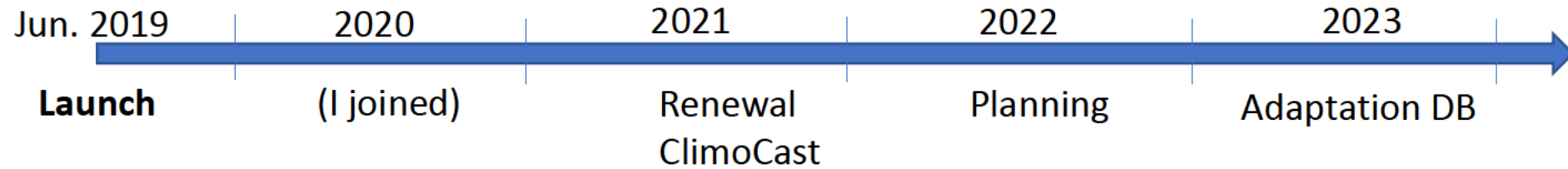
Development history



Japan has the largest share (32.4%).

	ページタイトル	ページビュー数 (先月)
No.1	AP-PLAT TOPページ	663 (750)
No.2	「DATA & TOOLS」 CLIMOCAST	223 (322)
No.3	「DATA & TOOLS」 CLIMOKIT	193 (165)
No.4	「DATA & TOOLS」 CLIMATE IMPACT VIEWER	129 (159)
No.5	「INAS」 Green corridors - Medellín, Colombia	118 (162)
No.6	「ABOUT」 TOPページ	85 (111)
No.7	「GET STARTED」 TOPページ	70 (62)
No.8	「CASE STUDIES」 TOPページ	56 (30)
No.9	「INAS」 Traditional Flood Control “Kasumi-tei” - Chikuma, Japan	42 (19)
No.10	「Adaptation Planning」 TOPページ	38 (27)

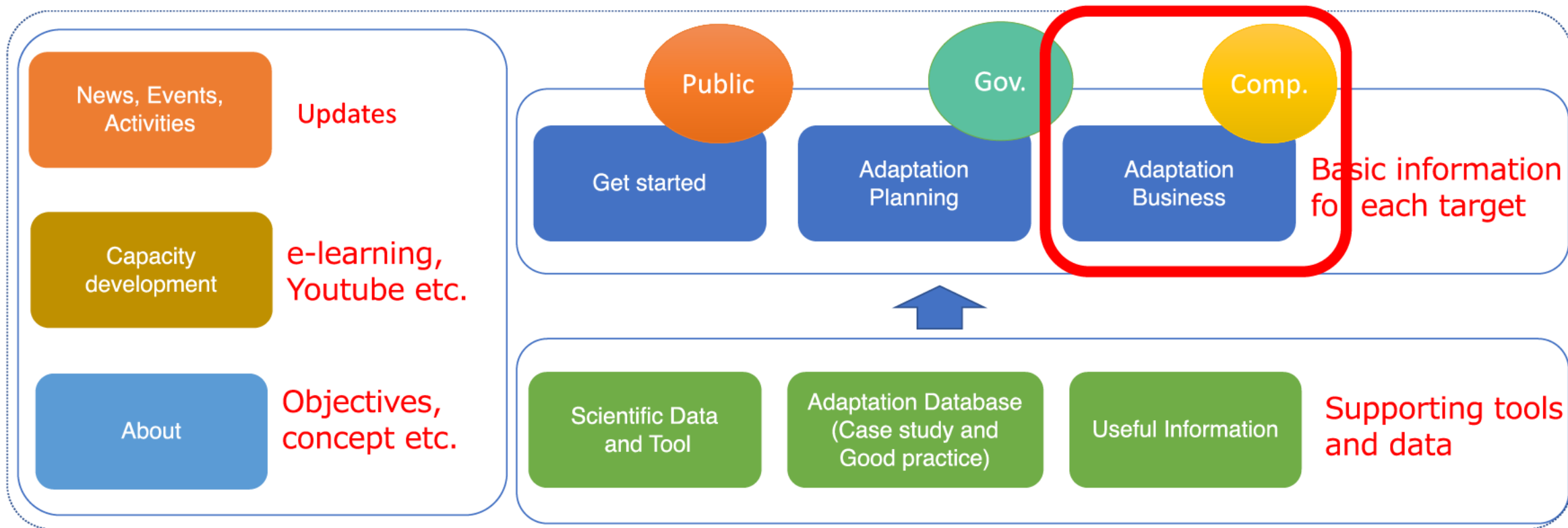
Current AP-PLAT members



Name	Role
Dr. Yuji Masutomi	Section head, tool development
Dr. Yuki Yoshida	Public relations
Dr. Hiroya Abe	Tool development
Ms. Slavka Sakata	Tool development
Ms. Yuka Suzuki	Public relations
Ms. Maki Shibuya	On leave
Ms. Rie Sakamoto	New: Tool development

What's next?

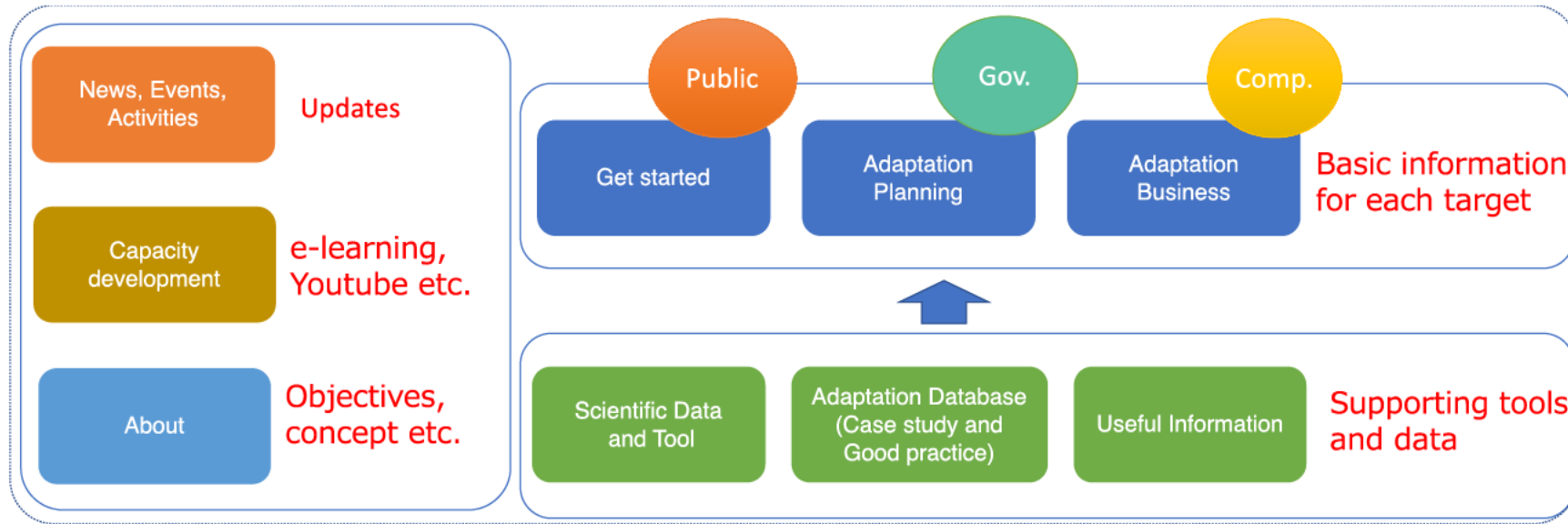
Basic Structure of AP-PLAT



Will be completed until Mar. 2026.

The last piece is **Adaptation Business**

What are needed in next phase?



We have been developing “**integrated**” information platform so far.
That's OK.

In next phase, we need to meet

users' needs to achieve their concrete goals

We should consider not only their needs but also goals.

What are their needs and goals?

Scientific
information

Finance

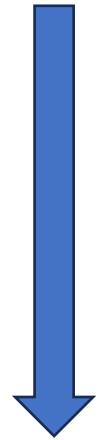
Capacity
development

**Needs
/Tools**

**Why they needs them?
How they use them?**

These are necessary

- To develop adaptation plans
- To implement adaptation
-



Goals

Scientific
information

Finance

Capacity
development

Needs
/Tools
↓
Goals

Base on needs and goals

These are necessary

- To develop adaptation plans
- To implement adaptation
-

News, Events,
Activities

Updates

Capacity
development

e-learning,
Youtube etc.

About

Objectives,
concept etc.

Public

Get started

Gov.

Adaptation
Planning

Comp.

Adaptation
Business

Basic information
for each target

Scientific Data
and Tool

Adaptation Database
(Case study and
Good practice)

Finance
information

Supporting tools
and data

Useful information

Finance
information

Missing!!

Scientific
information

Finance

Capacity
development

Needs
/Tools
↓
Goals

Base on needs and goals

These are necessary

- To develop adaptation plans
- To implement adaptation
-

News, Events,
Activities

Updates

Capacity
development

e-learning,
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About

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Public

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Adaptation
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Adaptation
Business

Basic information
for each target



Scientific Data
and Tool

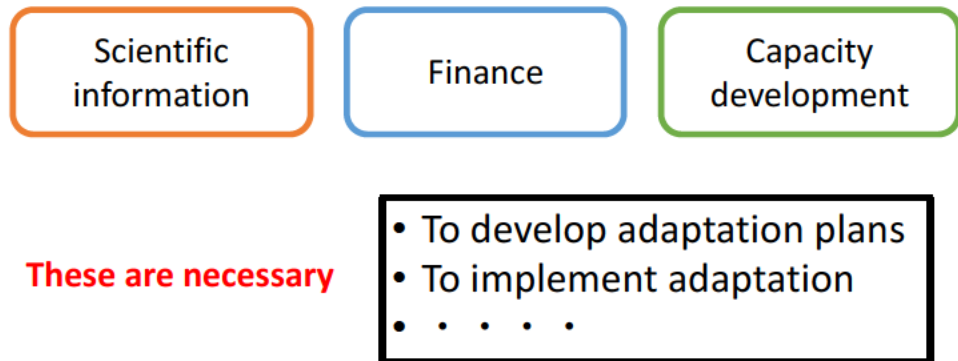
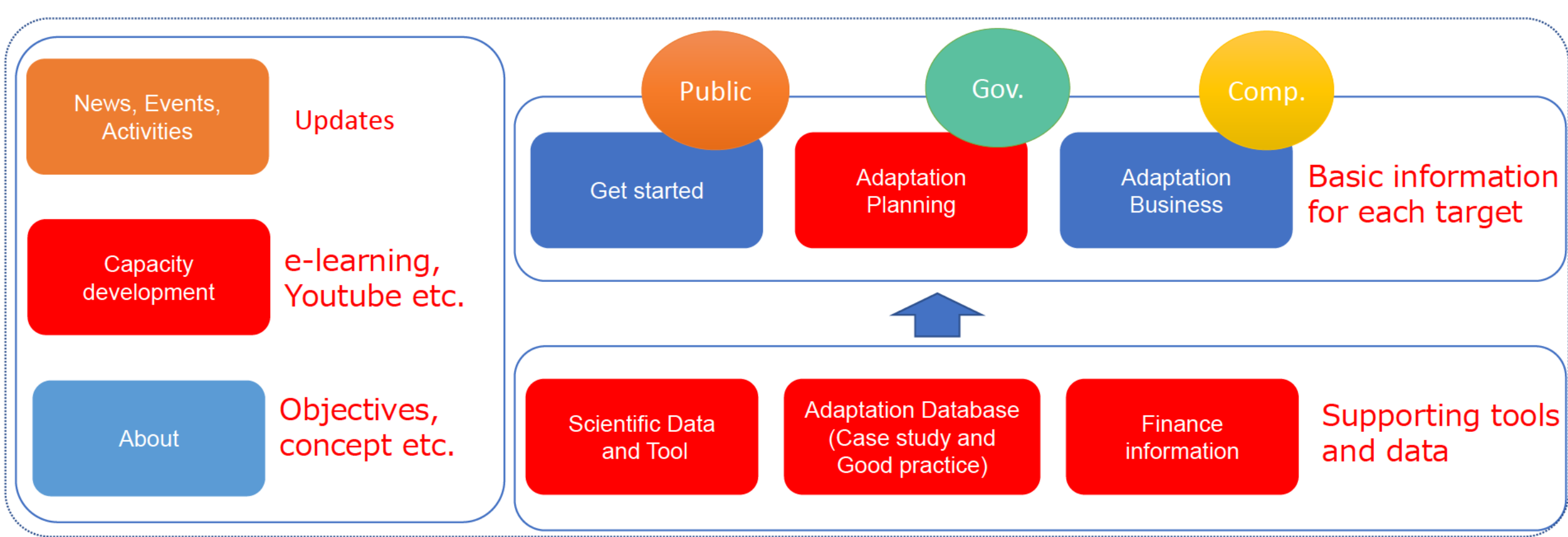
Adaptation Database
(Case study and
Good practice)

Finance
information

Supporting tools
and data

XXXX

will be enhanced



Concrete Activities:

- To develop adaptation plans **with** Asia-Pacific countries.
- To make proposals for GCF **with** Asia-Pacific countries.

Current challenges/questions

- Is the structure of AP-PLAT useful?
- What are missing?
- Is current and future directions of AP-PLAT reasonable?
- What are effective ways to increase the number of users?
- How to scale up the activities of AP-PLAT?
 - Tools development, collaborations, WSs, seminar, SNS, • • •