

CGMS-54-CGMS-WP-03
2 April 2026
For the working groups

Subject	CGMS future direction 2022+ initiative: Proposal on the way forward
Reference Documents	<p>CGMS-51-CGMS-WP-04; CGMS-52-CGMS-WP-03, CGMS-51-CGMS-WP-07, CGMS-51-CGMS-WP-14, CGMS-51-CGMS-WP-15, CGMS-51-CGMS-WP-16, CGMS-51-CGMS-WP-17, CGMS-51-CGMS-WP-18, CGMS-51-CGMS-WP-19, CGMS-52-WGII-WP-04, CGMS-52-WGIII-WP-02p/PPT, CGMS-52-WGIII-WP-02p, CGMS-52-CGMS-WP-24, CGMS-52-WGI-WP-06, CGMS-52-EUMETSAT-WP-01, CGMS-52 SWCG, CGMS-52-WGIII-WP-09WGIII, CGMS-52-EUMETSAT-WP-18</p>
Executive Summary	<p>The CGMS-51 Plenary endorsed the CGMS future direction 2022+ strategic themes.</p> <p>Since then, the strategic themes have been integrated into the working structure of the CGMS Working Groups and progress has been made in several areas. From the perspective of the CGMS Secretariat, the initiation phase has been concluded.</p> <p>This working paper provides an overview and proposed way forward for each of the themes.</p>
Action/ Recommendation proposed	<p>CGMS members are requested to consider the closure of the initiation phase for the CGMS future direction themes, and to recommend the closure to plenary for endorsement.</p>

1 INTRODUCTION

The CGMS-51 Plenary endorsed the CGMS future direction 2022+ strategic themes ([CGMS-51-CGMS-WP-04](#)).

Since then, the strategic themes have been integrated into the working structure of the CGMS Working Groups and progress has been made in several areas. From the perspective of the CGMS Secretariat, the initiation phase has been concluded.

This working paper provides an overview and proposed way forward for each of the themes. This encompasses:

- The identified champions for each strategic theme to advance the implementation activities of each CGMS working group; and
- The CGMS working groups to ensure that their intersessional agendas reflect the need to advance the implementation of the recommendations.

The revised CGMS High-Level Priority Plan (HLPP) include the short to medium term targets of the initiative (the associated task team established at CGMS-50 was dissolved). At CGMS-52, the CGMS Secretariat presented the status of the initial implementation of the strategic themes ([CGMS-52-CGMS-WP-03](#)).

2 STATUS OF THEMES

The strategic themes covered by the CGMS WGs are as follows:

Theme	Working Group	Lead/Champion
Socio-economic benefits	WGIII <i>This theme is fully embedded within the WGIII activities. Proposal on way forward to be made to CGMS-54 WGs in April 2026.</i>	JMA (ONO Hiroshi)
Research to operations	WGIV (support WGII) <i>NOAA and NASA to propose the way forward at CGMS-54 WGs. It is expected the initiation phase can be considered concluded at CGMS-54, and the establishment of R2O/O2R as a standing</i>	(NASA-NOAA joint effort) NASA (Will McCarty) NOAA (Jessica Shallcross, Vijay Tallapragada)

	<i>agenda item in CGMS WGIV.</i>	
Hybrid space observations architectures	<p>WGI</p> <p><i>This theme is fully embedded within the WGIII activities. Initiation phase concluded at CGMS-53.</i></p>	EUMETSAT (Simon Elliott)
Future information technologies	<p>WGI, Internet of things (IOT)</p> <p><i>The initiation phase will be concluded at the CGMS-54 WGs. This theme is fully embedded within the CGMS WGI and WGIV agenda.</i></p>	EUMETSAT (Antoine Jeanjean)
	<p>WGIV (cloud technology)</p> <p><i>The initiation phase will be concluded at CGMS-54 WGs. This theme is fully embedded within the CGMS WGIV agenda.</i></p>	NOAA (Christopher O'Connors)
	<p>WGII and WGIV, AI/ML</p> <p><i>The CGMS Secretariat is working on the inclusion of AI/ML matters on all WG agendas, to be implemented following CGMS-54.</i></p>	CMA (XU Na)
Relationship with the private sector	<p>WGIII</p> <p><i>Theme is fully embedded within the WGIII activities. Initiation phase concluded at CGMS-53.</i></p>	NOAA (Mara Browne)
Climate and Earth system monitoring	<p>WGII</p> <p><i>Theme superseded by events. Addressed through the CGMS input to the WIGOS Vision 2050</i></p>	WMO (Albert Fischer)
Space situational awareness	<p>WGI, SWCG</p> <p><i>Theme now fully embedded within the WGI, SWCG activities, and initiation</i></p>	ESA (Juha-Pekka Luntamaa)

	<i>phase will be concluded at CGMS-54.</i>	
Support to developing countries	WGIV <i>Initiation phase is expected to be concluded at CGMS-54. This theme is fully embedded within the CGMS WGIV agenda.</i>	CMA (XIAN Di)

3 CONCLUSIONS AND PROPOSED WAY FORWARD

The CGMS future direction strategic themes have now been fully embedded in the CGMS working group structure and progress made for several of the areas covered.

CGMS members are requested to consider the closure of the initiation phase for the CGMS future direction themes, and to recommend closure to plenary for endorsement.

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