



**AGENDA ITEM 4: IMPLEMENTATION OF CONGRESS DECISIONS:
TECHNICAL MATTERS**

**AGENDA ITEM 4.2: Long-term goal 2: Earth system observations and
predictions**

**EXTENSION OF THE TRIAL PHASE OF THE INTERNATIONAL EXCHANGE
OF DAILY CLIMATE DATA WITH THE AIM OF RECOMMENDING ITS
OPERATIONAL IMPLEMENTATION IN 2021**

DRAFT RESOLUTION

Draft Resolution 4.2(1)/1 (EC-72)

Trial Phase of the International Exchange of Daily Climate Data

THE EXECUTIVE COUNCIL,

Recalling:

- (1) [Resolution 22 \(Cg-18\)](#) – Manual on high-quality global data management framework for climate,
- (2) [Resolution 5 \(EC-70\)](#) - Recommendations of the Commission for Climatology at its seventeenth session (CCI-17) – Trial phase for the international exchange of daily climate observations,

Recognising that the modernization of climate data is a fundamental asset for enhancing WMO and NMHS roles in providing high-quality, well-managed and accessible climate data to inform climate action and disaster risk reduction policy and decisions, and for enhancing underpinning climate services,

Highlighting the need for countries to have access to and use state-of-the-art Climate Data Management Systems (CDMS) that enable efficient and secure climate data management, and that the completion of the Open CDMS project to deliver a reference open-source CDMS for climate and hydrological data management is a critical element in this regard,

Noting that real-time data exchanged via the Global Telecommunication System (GTS) for nowcasting and weather forecasting purposes (Surface Synoptic Observations (SYNOP), METAR messages, etc.) are not optimally suitable for climate research and applications due to data quality limitations and methodological differences,

Acknowledging the need for the operational exchange of daily climate data in addition to the operational monthly exchange of climate data (CLIMAT message) in order to better capture the variability of extremes,

Taking note of the background, purpose and outcome of the one-year trial phase for the international exchange of daily climate data (DAYCLI message) (See [EC-72/INF. 4.2\(1\)](#) for more information),

Having considered the recommendation of the Technical Coordination Committee contained in document [EC-72/INF. 2.5\(2\)](#),

Endorses the extension of the trial phase of the international exchange via the GTS of daily climate data (DAYCLI message) and its transition into a pre-operational phase within 12 months;

Requests the Infrastructure Commission, in close collaboration with the Services Commission, to:

- (1) Oversee the preparation and coordination of the pre-operational phase of the international exchange of daily climate data;
 - (2) Report to the Executive Council on the progress of the pre-operational phase with the aim of its full operational implementation at the appropriate point in time.
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