

35th ICP Modelling & Mapping Task Force Meeting

Madrid, 2-4 April

Update on WGE and Convention issues

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35th ICP Modelling & Mapping Task Force Meeting

- Latest news from CLRTAP
 - 4rd joint EMEP/WG meeting (September)
 - EB meeting (December)
 - EMEP/WGE Bureau meeting (March)
- Topics addressed
 - Long Term Strategy (See <https://www.unece.org/env/lrtap/welcome.html.html>)
 - Follow-up Workplan 2018-2019
 - New CCE-UBA Germany
 - Mandates
 - LifeWatch (exchange of letters)
 - Financial issues
- NEC Directive and CLRTAP (November 2018)

Follow-up workplan 2018-2019

ICP- Modelling & Mapping

| <i>item</i> | <i>Activity description/objective</i> | <i>Expected outcome/ deliverable</i> | <i>Lead body(ies)</i> | <i>Resource requirements</i> |
|---|---|---|---|--|
| 1.1 Improving tools to assess air pollution and its effects in the ECE region | | | | |
| 1.1.1 Monitoring and modelling tools | | | | |
| 1.1.1.17 | Transfer the EU DB to EMEP-CIAM following adoption (WGE) of results of the 2015-2017 call for data (september 2017) | The 2017 DB for CL acidification and eutrophication transferred to CIAM (2018) Use of the CL acidification and eutrophication by CIAM for policy support | CCE-CIAM | CCE-CIAMs |
| 1.1.1.18 | A WGE call (at the 3rd joint session of EMEP/WGE) for reports to Parties to consolidate the Biodiversity Critical Loads data | Preparation of national CLbio according to instructions in the 2015-2017 call for data (2018). NFCs should report on their work in response to this WGE call, but withhold data until a new CCE becomes operational | ICP M&M and NFCs and optionally seek collaboration with Alterra | Depending on (In kind) funding: NFCs and Alterra |
| 1.2 Cooperation with Parties | | | | |
| 1.2.2 | Translation of the Modelling and Mapping Manual into Russian | The Modelling and Mapping Manual translated into Russian (2018) | | In-kind contribution by Russian Federation |

Follow-up workplan 2018-2019

ICP/TF activities reported to the EB (December 2018)

https://www.unece.org/fileadmin/DAM/env/documents/2018/Air/EB/0_Presentacion_WGE_V01_EB2018.pdf

ICP – Modelling & Mapping

2018 (transition year)

- Joint meeting with JEG Dynamic Modelling (Bern, Switzerland)
- Impacts of air pollution and interactions with climate change, biodiversity and ecosystem services
- Recommended to revise Empirical Critical Loads of N (last revision 2010-2011)

CCE: CCE-UBA Germany team has been working on

- Adapt existing IT Infrastructure and software at the UBA to fulfill data handling tasks of the CCE
- Develop framework and skills to improve the information exchange between CCE and NFCs
- Start work with the ICP M&M and collaboration with other ICPs

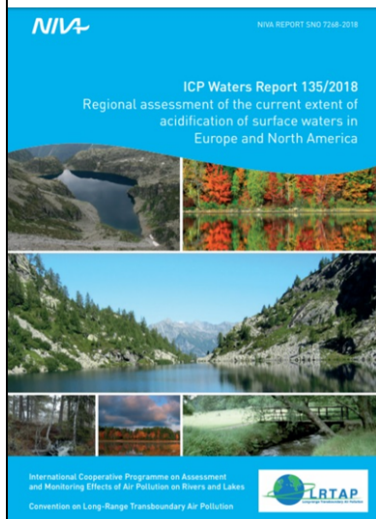
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ICP-Waters

Regional assessment of acidification – thematic report 2018



- **Objective:** To assess the **current extent** of surface water acidification in Europe and possibly North America.
- **Overview based on CL maps and maps of geology**
- **NFC contributions** from 15 Parties
- WFD Data included

Summary of country reports

- Most severe
- 
- Minor problem
- Norway, Sweden, the UK,
 - US, Ireland
 - Netherlands, Czech Republic
 - Canada, Finland, Switzerland
 - Germany, Italy, Poland
 - Spain, Latvia

Regions where national reports are lacking

- Strong evidence of acidification: Slovakia, Russia and Armenia
- Likely (WFD reporting): Belgium (Luxembourg)

Follow-up workplan 2018-2019

ICP/TF activities reported to the EB (December 2018)

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WGE Portal

1.4.3 Develop a common Portal

- To present WGE as a single entity, and the official portal to access WGE information and data– also for the groups outside the Convention.
- A common webpage will facilitate further integration and collaboration between the ICPs and other subsidiary bodies under the Convention and groups outside the Convention.
- A common portal can facilitate better use of WGE data in integrated assessments, Air Convention, EU-Commission and national air pollution strategies.
- A portal for data access in line with the ambitions of the Convention

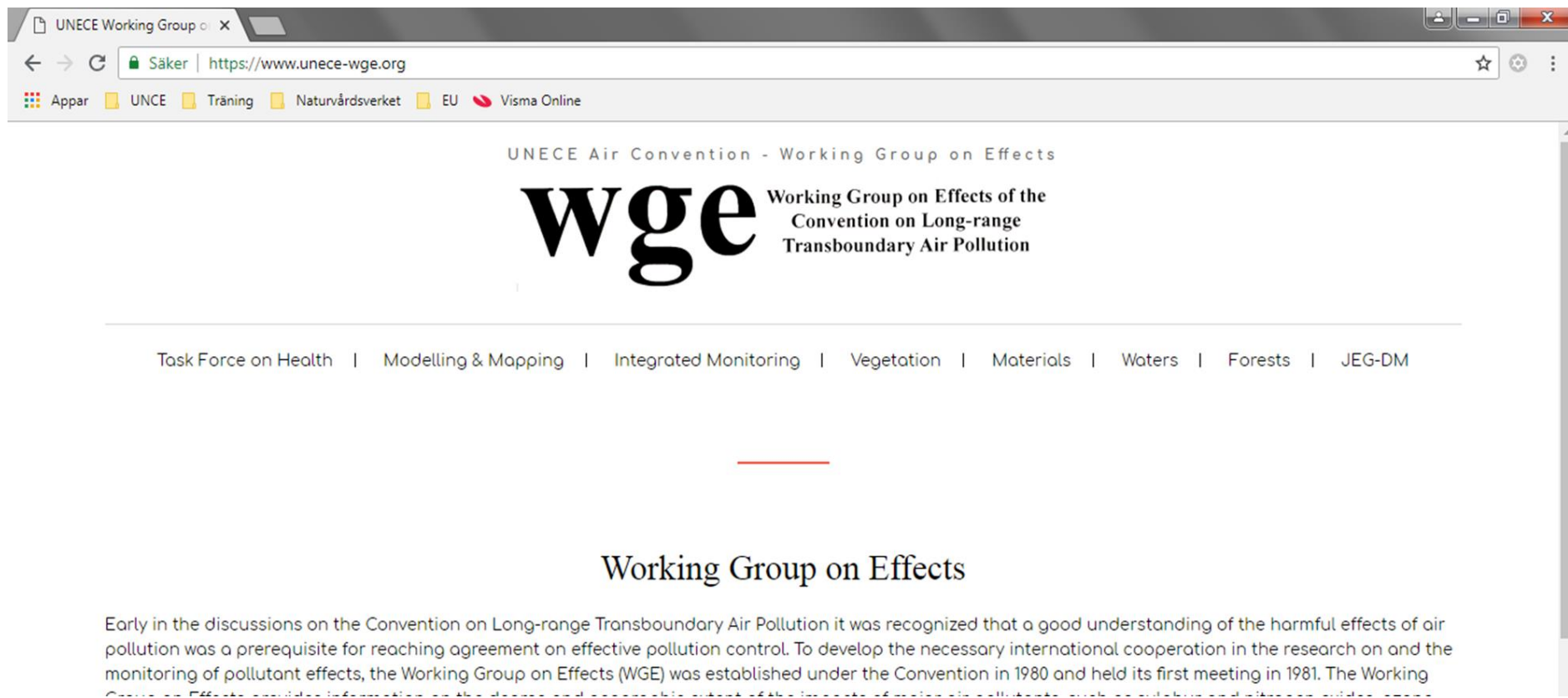
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WGE Portal

www.unece-wge.org



The screenshot shows a web browser window with the URL <https://www.unece-wge.org>. The page title is "UNECE Air Convention - Working Group on Effects". The main heading is "wge Working Group on Effects of the Convention on Long-range Transboundary Air Pollution". Below this, there is a navigation menu with the following items: Task Force on Health | Modelling & Mapping | Integrated Monitoring | Vegetation | Materials | Waters | Forests | JEG-DM. The main content area features the heading "Working Group on Effects" and a paragraph of introductory text: "Early in the discussions on the Convention on Long-range Transboundary Air Pollution it was recognized that a good understanding of the harmful effects of air pollution was a prerequisite for reaching agreement on effective pollution control. To develop the necessary international cooperation in the research on and the monitoring of pollutant effects, the Working Group on Effects (WGE) was established under the Convention in 1980 and held its first meeting in 1981. The Working Group on Effects provides information on the degree and geographic extent of the impacts of major air pollutants such as sulphur and nitrogen oxides, ozone..."

2016: Started the review of the mandates for EMEP Task Forces and Centres

2017: Started the review of the WGE ICPs, TF-Health and JEG Dynamic Modelling

2018: To be presented to the WGE/EMEP for acceptance, and to the EB for its approval

Process of Revision and update

- Consistent with priorities of the Convention
- According to:
 - Future Development of Effects-Oriented Activities (EB.AIR/WG.1/2000/4)
 - Guidelines for reporting on the monitoring and modelling of air pollution effects (ECE/EB.AIR/2008/11; ECE/EB.AIR/WG.1/2008/16/Rev.1)
 - Long-term Strategy for the CLRTAP (and PRG recommendations)
 - Bi-annual workplans for the implementation of the Convention

Mandates: Adopted provisionally (with some amendments from the session, ECE/EB.AIR/2018/7)

- ICP – Waters
- ICP – Forests
- ICP – Vegetation
- ICP – Integrated Monitoring
- ICP – Materials
- TF – Health

2019: ICP – Modelling & Mapping and CCE-UBA Germany
JEG – Dynamic Modelling ??? (New Programme Center??)

September: WGE Decided to propose a collaboration with LifeWatch ERIC to the EB (common interests and possibility of financing activities)

September-December: options for agreement CLRTAP-LifeWatch

December: Approved the proposal of collaboration

(Letter of collaboration. Signed on December 2018)

To date

- Waiting for the (inminent ??) call for action
- 2019 - Start working: Defining the scope and activities of collaboration

Tools that LifeWatch could provide to modelers and data administrators:

ICP M&M Presentation “Supporting modelling and mapping activities through LifeWatch ERIC infrastructure“

Next steps

- Identify possible activities to be included in the workplan
- Once the call is published: define the participation in the projects
administrative procedure to get the funding

EU: NECD - Ecosystem Monitoring

2017: Close cooperation with the COM to produce the Guidance document

2018: No interactions with experts from the commission for 1 year.

New team at the COM

November: Expert meeting- subgroup ecosys

ICPs and CLRTAP as observers

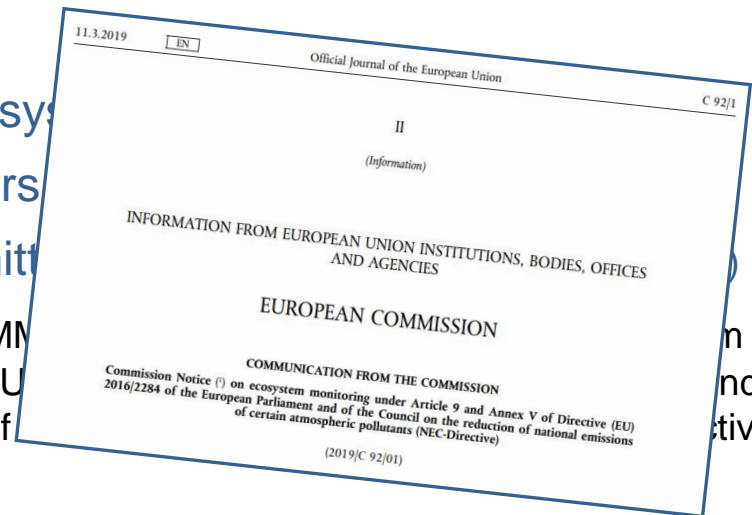
Firts analysis of the data submit

2019 11/03/2019 : COMMUNICATION FROM THE COM
monitoring under Article 9 and Annex V of Directive (EU
of the Council on the reduction of national emissions of
(2019/C 92/01)

2nd April - Ecosystem Monitoring Subgroup meeting

How to deal with technical questions from EU Member states?

Next Steps ??



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tive)

→ UE as Party to the Convention: Participation at the ICPs (Ideas for technical collaboration?)

2018 EB meeting

- ✓ Decided the international coordination costs for financing the core activities shall be US\$ 2,152,700 in 2019
- ✓ Adopted decision 2018/8 on amendment to decision 2002/1 (Decision 2018/8 recognize the German Federal Environment Agency as the CCE for the ICP-M&M)
- ✓ Approved the contributions from LifeWatch ERIC to the core activities

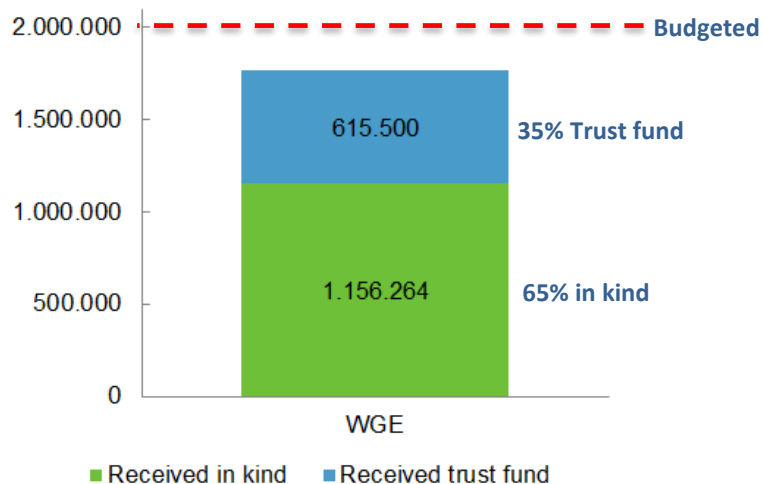
Financing activities out of EMEP Protocol

Financing CLRTAP 2017

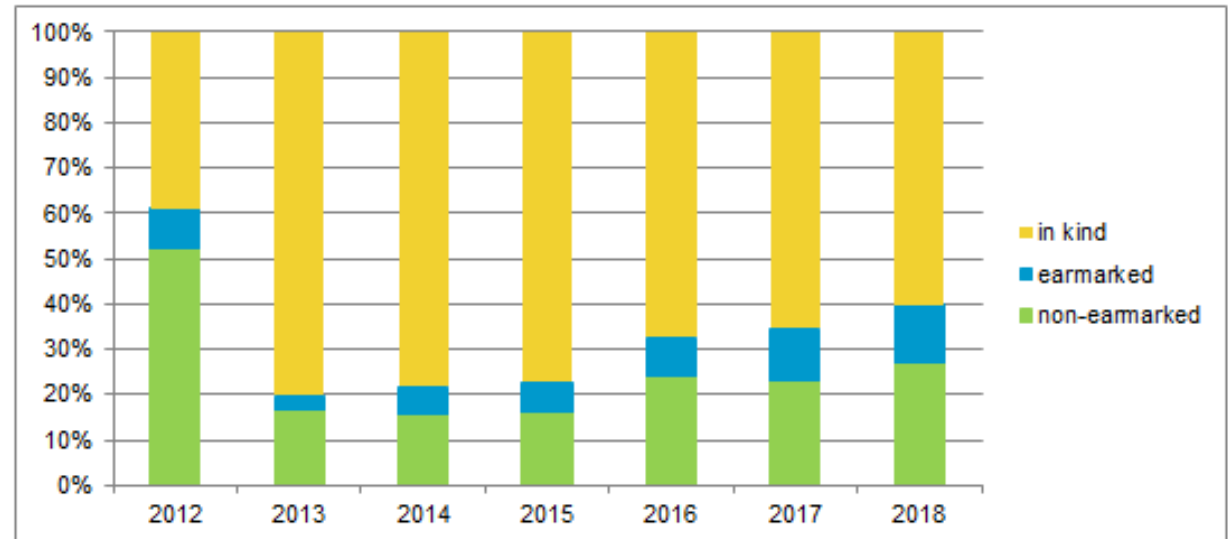
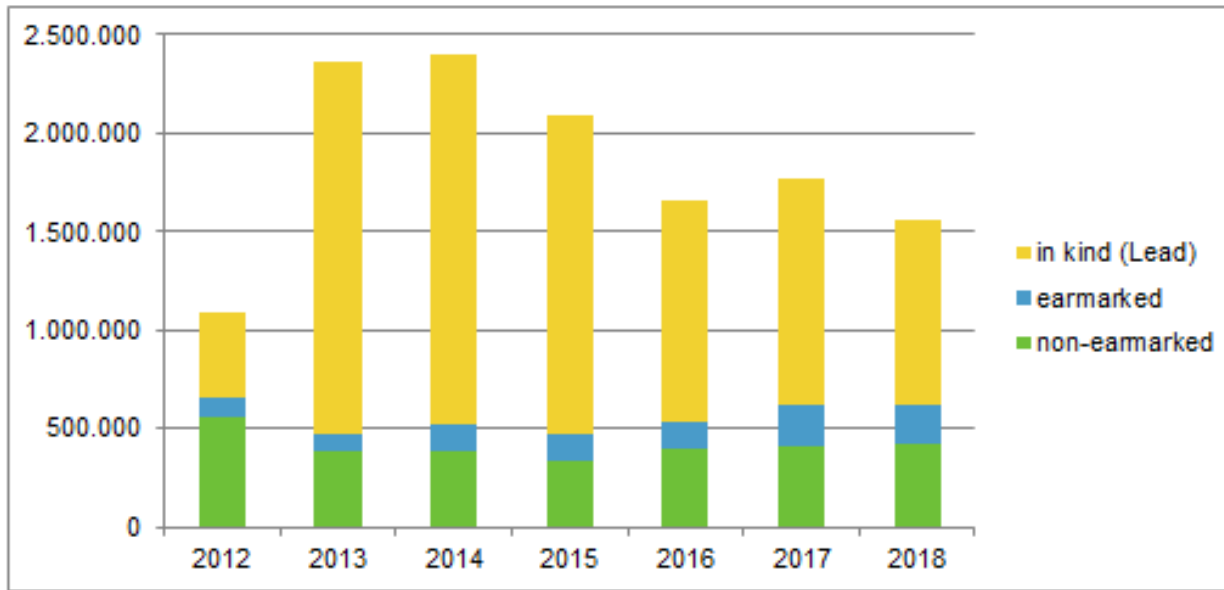
| WGE-2017 (US \$) | ICP Forests | ICP Waters | ICP Materials | ICP Veget | ICP Int Monit | ICP M&M | TF Health | CIAM | Total WGE | Total EMEP ⁽²⁾ |
|------------------------------|----------------|---------------|------------------|---------------|------------------|---------------|---------------|--------------|------------------|------------------------------|
| Earmarked ⁽¹⁾ | 52200 | 41800 | | | | 76100 | | 36800 | 206900 | 2276769 |
| Non-earmarked ⁽¹⁾ | 51100 | 51000 | 51100 | 51000 | 51100 | 51100 | 51100 | 51000 | 408500 | |
| in kind ⁽¹⁾ | 260816 | 193194 | 162394 | 292135 | 184125 | | 63600 | | 1156264 | |
| TOTAL 2017 | 364116 | 285994 | 213494 | 343135 | 235225 | 127200 | 114700 | 87800 | 1.771.664 | 2.276.769 |
| TOTAL WGE + EMEP | | | | | | | | | 4.048.433 | |

(1) Recorded contributions to partially fund the effects-oriented activities in 2017 (Table 5, ECE/EB.AIR/2018/2)

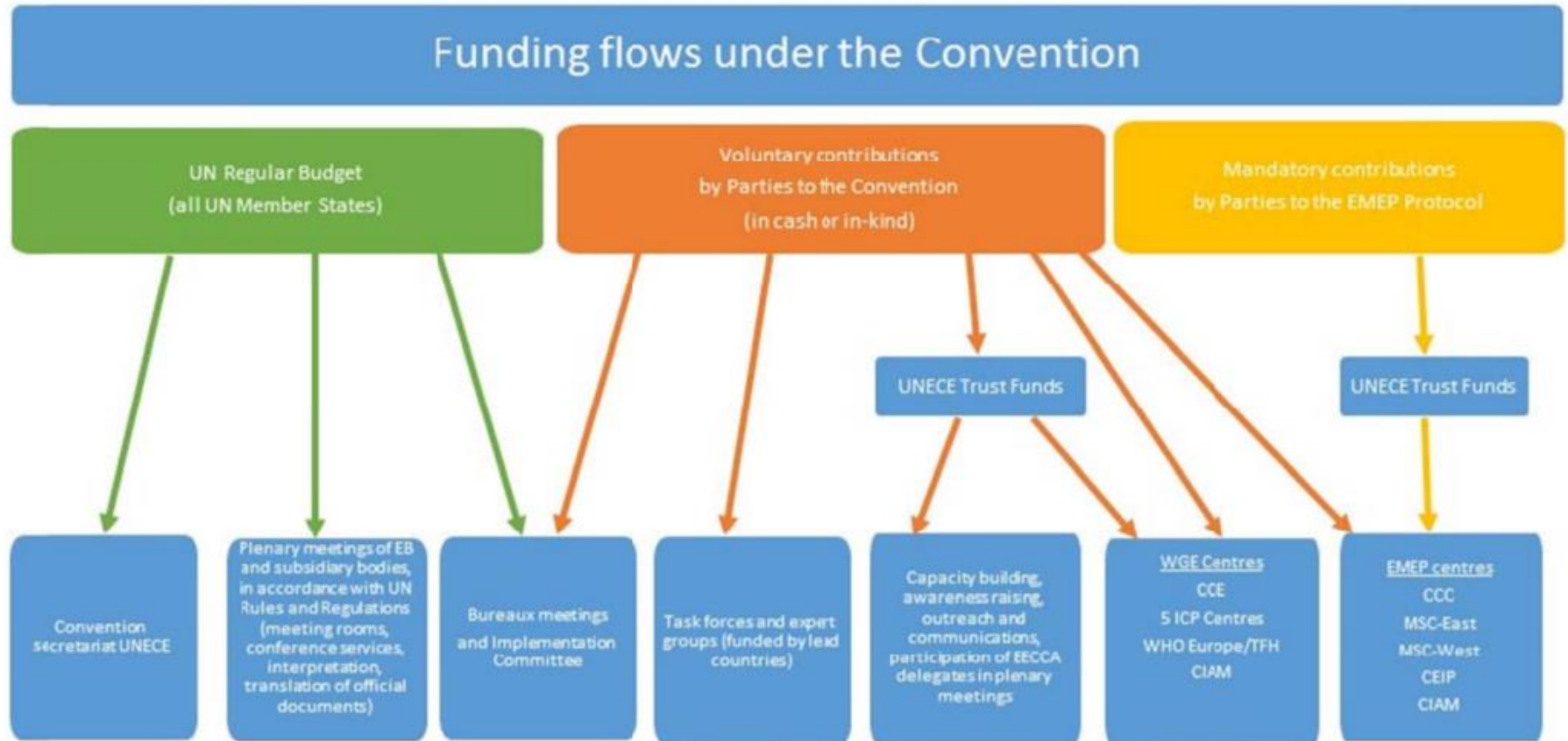
(2) Contributions to the financing of EMEP as of 7 September 2017 (Table 1, ECE/EB.AIR/2017/2)



Financing activities out of EMEP Protocol



Financing activities out of EMEP Protocol



https://www.unece.org/fileadmin/DAM/env/documents/2017/AIR/EB/FINAL_FINAL_Informal_document_no._5.pdf

Next Steps

- Define the activities for the next workplan 2020-2021
 - ICP M&M + CCE activities (Modelling and mapping Critical Loads)
 - Common activities with other ICPs/TF and EMEP groups
- Mandates (ICP M&M and CCE-UBA Germany)
- WGE Portal

SAVE THE DATE

40

years of cooperation
for **CLEAN AIR**

Convention on Long-range Transboundary Air Pollution

40th anniversary special event

2019

1979

Signing of the Convention

- achievements of the Convention
- recent developments in the region
- visions for future development
- cooperation on clean air globally



Geneva

Palais des Nations

Salle XII

11-12 DEC 2019

Working Group on Effects



Working Group on Effects



Thank you to all ICPs/TFs colleagues !





**35th ICP M&M Task Force Meeting
Madrid, 2-4 April 2019**

Thank you for your attention




Wednesday at 18:15

Ciemat: Main entrance. Security control

Building 1: Meeting room (3rd floor)
Cafeteria (basement)