

Assessment reports

TFIAM/CIAM - 2014

Joint EMEP/WGE - 2015?

- Planning?
- Formal reports or English only?
- How to involve the parties?

1. TFIAM/CIAM - Assessment report of the amended Gothenburg Protocol

Information needed for future evaluations

1. Assumed trends in activities and emissions per country
2. Impacts of the amended Protocol = Guidance doc.
3. Technological measures, remaining potential, long term outlook

Annex: 2012/2013 methodologies

Example: IIASA-report 1999

Integrated Assessment Modelling for the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone in Europe

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	Population [millions]	GDP [billion EURO]	Total primary energy [PJ]	Passenger cars and LDV [1000]	Motorcycles [1000]	Heavy duty vehicles [1000]
Austria	7.72	101.9	1242	3167	535	86
Belgium	9.96	131.1	1907	3966	515	157
Denmark	5.14	69.3	731	1833	181	71
Finland	4.99	63.9	1233	2131	170	67
France	56.42	775.5	9122	26580	3879	532
Germany	79.37	1006.7	14534	36287	4282	1335
Greece	10.12	72.9	923	2221	489	190
Ireland	3.51	31.5	409	940	15	26
Italy	57.66	739.4	6676	27765	4221	1032
Luxembourg	0.38	6.8	122	191	10	6
Netherlands	14.95	187.7	2737	5716	955	170
Portugal	9.36	78.4	699	2462	1849	587
Spain	38.96	362.4	3612	13106	2870	1025

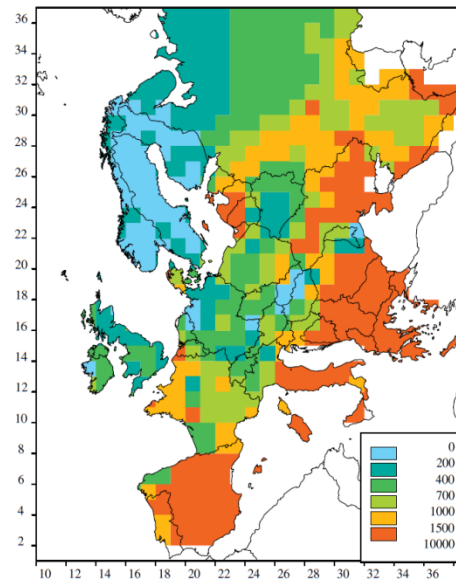


Figure 2.5: The 2-percentile critical load for acidification (CL_{max}) (equivalents/ha/year)

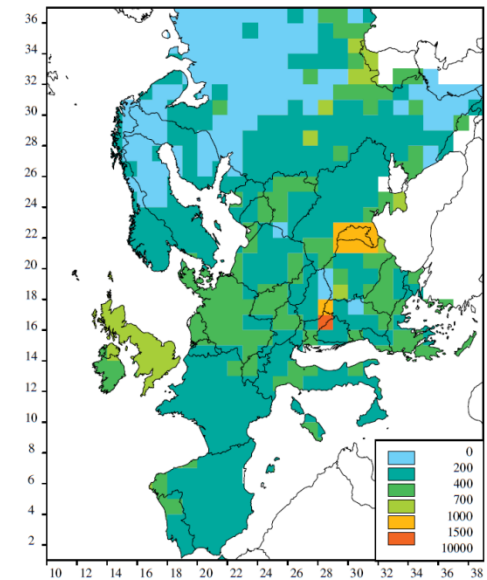


Figure 2.6: The 2-percentile critical load for eutrophication (equivalents/ha/year)

Ukraine	51.84	251.2	9970	3413	2500	805
Yugoslavia	10.55	28.7	790	1505	34	73
Non-EU	311.39	1802.3	48458	36011	16963	4772
Total	675.89	6262.8	103378	188671	38985	10624

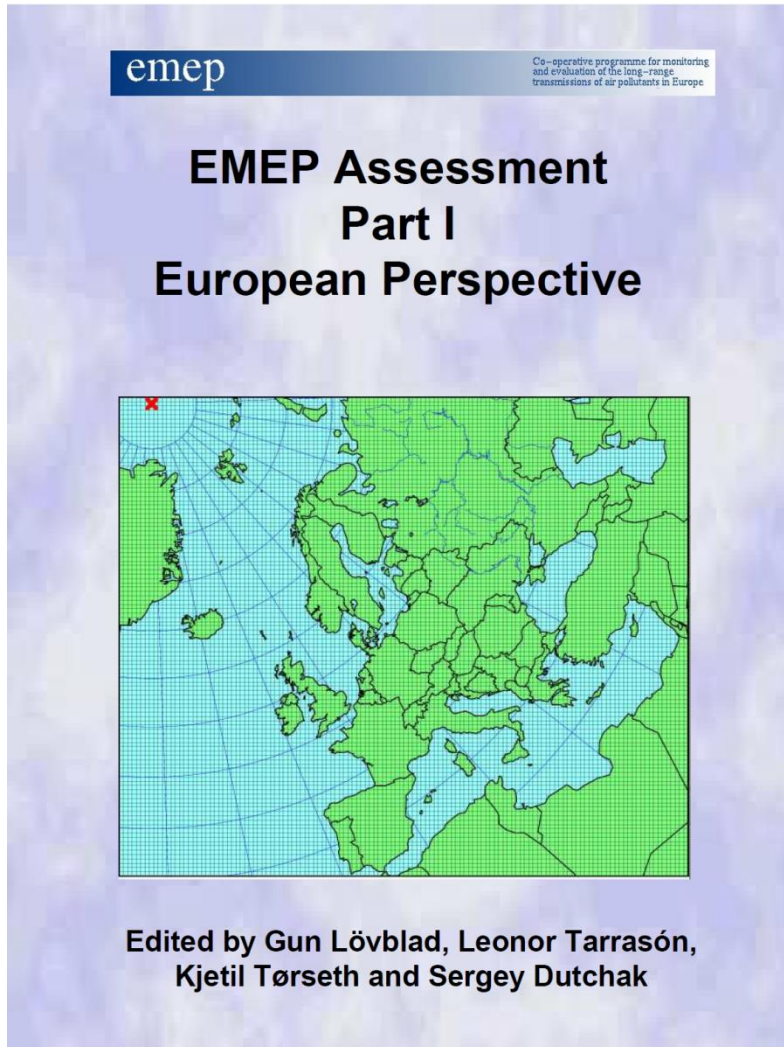
Joint assessment report EMEP/WGE

Examples:

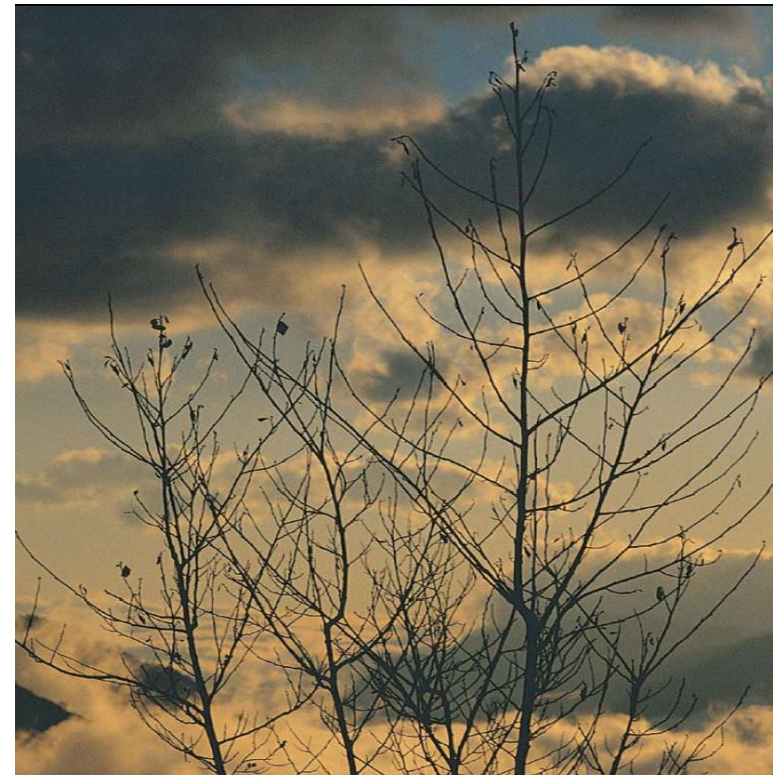
- **EMEP – Assessment report 2004**
 - Backward looking: what has been achieved?
 - Part A – European wide assessment by Centres
 - Part B – National assessments
- **IPCC – Assessment reports**
 - Describe latest knowledge on sources, impacts, scenarios and measures
 - Policy relevance of changes in science
 - Selected topics ? Lead authors

Examples

2004



2007



Review of the Gothenburg Protocol

Task Force on Integrated Assessment Modelling of the UNECE Convention
on Long-range Transboundary Air Pollution and the
Centre for Integrated Assessment Modelling

The LRTAP data flow



Major data « processors »

Colour code

WGE
EMEP
WGSR

