

Key Outcomes of the 16th session of the Working Group on Environmental Monitoring and Assessment

*Working Group on Environmental Monitoring and Assessment
17th session
Geneva, 7-8 September 2015*

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Conference in Istanbul (13-17 April 2015)

- **16th meeting of the UNECE Working Group on Environmental Monitoring and Assessment (WGEMA) (16-17 April)**
- **Regional Environmental Information Network Conference (REIN) (13-15 April)**
- The first GEO Regional Authors' meeting (16 - 17 April)

Objectives of the 16th session of WGEMA

- agree on:
 - components/thematic areas for which data and information should be shared through the pan-European SEIS
 - specific data flows of the thematic areas to be implemented under the pan-European SEIS in 2015 (and during next development milestones)
 - reporting mechanism for evaluating pan-European SEIS development and operation by the pan-European countries.



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EmissionsOfTotalSuspendedParticles PopulationConnectedToWastewaterTreatment
TotalHazardousWasteTreatedOrDisposed EmissionsOfPolychlorinatedBiphenylPCB
AnnualAverageConcentrationOfGroundLevelOzone EmissionsOfNonMethaneVolatileOrganicCompounds
TotalFinalEnergyConsumption FinalEnergyConsumptionByCategory
TotalAreasUnderProtectionIUCNcategories EmissionsOfPolychlorinatedDibenziPDioxin TotalPrimaryEnergySupply
TotalODPofMethyhlBromide EmissionsOfMercury TotalForestArea
MeanConcentrationOfNitratesInGroundwater AnnualDeviation EmissionsOfCarbonMonoxide TotalPassengerTransportDemand
TotalODPofOtherFullyHalogenatedCFCs MeanConcentrationOfAmmoniumInMajorRivers FreshwaterAbstractionBySectors
AnnualAverageConcentrationOfSulphurDioxide AreaTreatedWithOrganicFertilizers EmissionsOfPolychlorinatedBiphenyl LandUptakeBySectors
TotalFreshwaterUse EmissionsOfCadmium TotalODPofHalons HazardousWasteGenerated
TotalLandUptake NumberOfSpeciesProtected TotalFreightTransportDemand
EmissionsOfTotalSuspendedParticlesTSP PopulationConnectedToAwastewaterCollectingSystem
HazardousWasteExported NonTreatedOrNotAdequatelyTreatedWastewater AverageAnnualDeviation
WasteGenerationBySource HazardousWasteTreated LossesOfWaterDuringTransport EmissionsOfPolycyclicAromaticHydrocarbonPAH
TotalOzoneDepletingPotentialODP EmissionsOfNitrogenOxides AnnualAverageConcentrationOfPM AggregatedGHGEmissionsBySectors
HazardousWasteImported EmissionsOfPolycyclicAromaticHydrocarbon TotalConsumptionOfMineralFertilizers
MeanConcentrationOfNitratesInMajorLakes MeanConcentrationOfTotalPhosphorusInMajorLakes ConsumptionOfOrganicFertilizers
PassengerTransportDemandByMode TotalWasteGeneration AreaTreatedWithMineralFertilizers
TotalFreshwaterAbstraction TotalPrimarEnergySupplyBySource EmissionsOfPM
TotalOzoneDepletingPotential AgriculturalArea
MeanConcentrationOfBODinMajorRivers StockOfHazardousWaste WastewaterDischarged
TotalRenewableEnergySupply TotalODPofHydrochlorofluorocarbonsHCFCs
TotalODPofTrichlorethane TotalFreshwaterAvailable AreatreatedWithPesticides
MeanConcentrationOfNitratesInMajorRivers RenewableFreshwaterResources TotalPrimaryEnergySupplyBySource
FreightTransportDemandPerMode EmissionsOfAmmonia AverageAnnualDeviationFromTheLongTermAverageTemperature
FreshwaterUseBySectors TotalODPofCarbonTetrachloride EmissionsOfLead
AnnualAverageConcentrationOfNitrogenDioxide WaterExploitationIndex AggregatedGHGEmissions
MeanConcentrationOfPhosphatesInMajorRivers NumberOfSpeciesThreatened TotalODPofHydrochlorofluorocarbon
EmissionsOfSulphurExpressedInSulphurDioxide WastewaterTreatedInUrbanWastewaterTreatmentPlants
AnnualDeviationFromTheLongTermAveragePrecipitation



67 data sets for implementation in course of 2015

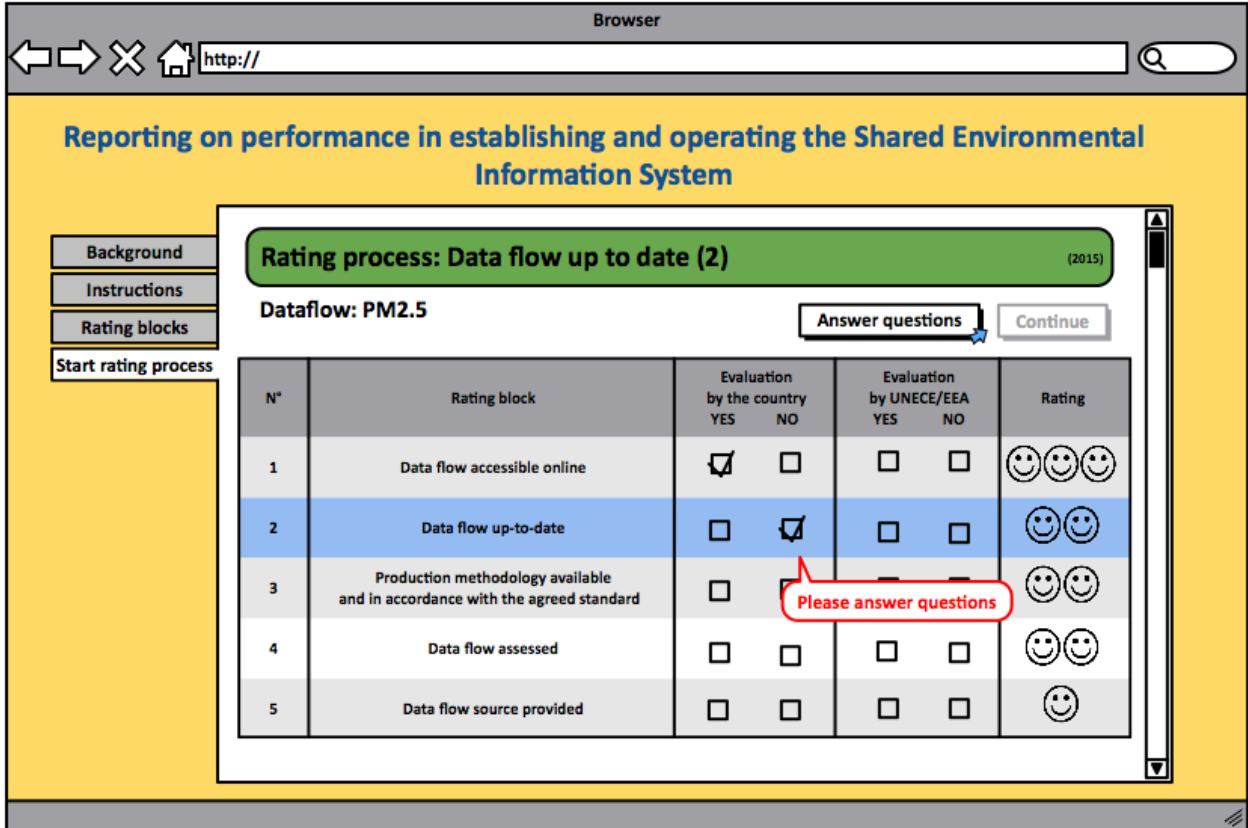
Theme	References	Environmental indicator	No.	Data sets
Air pollution and ozone depletion	Pan-European priority Global Environmental Goal	Emissions of pollutants into the atmospheric air	1	Emissions of sulphur expressed in sulphur dioxide (total, stationary and mobile sources)
			2	Emissions of nitrogen oxides expressed in nitrogen dioxide (total, stationary and mobile sources)
	Data collection under the ECE-CLRTAP	Health and well-being considerations under the green economy concept	3	Emissions of non-methane volatile organic compounds (NMVOCs)
			4	Emissions
	Data collection under the Montreal Protocol	Consumption of ozone-depleting substances	5	Emissions sources
			6	Emissions
	7		Emissions	
	8		Emissions	
	9		Emissions stationary	
	10		Emissions mobile sou	
	11		Emissions dibenzofu	
	12		Emissions mobile sou	
	13		Emissions mobile sou	
	14		Emissions mobile sou	
Climate change	Pan-European priority Global Environmental Goal	Air temperature	26	Average annual deviation from the long-term average temperature
			27	Annual deviation from the long-term average precipitation
	Data collection under the UNECCC	Greenhouse gas (GHG) emissions	28	Aggregated GHG emissions including emissions/removals from land use, land use change and forestry (LULUCF)
			29	Aggregated GHG emissions by energy, industrial processes, solvent and other product use, agriculture, land use and forestry, waste

Reporting mechanism

Concept for the reporting mechanism accepted for further development

A development group was set up to further advance and test the reporting mechanism

Armenia Austria, Georgia, Finland, Italy, Kazakhstan, the Russian Federation and the former Yugoslav Republic of Macedonia , EEA and ECE secretariat



Reporting on performance in establishing and operating the Shared Environmental Information System

Rating process: Data flow up to date (2) (2015)

Dataflow: PM2.5 Answer questions Continue

N°	Rating block	Evaluation by the country		Evaluation by UNECE/EEA		Rating
		YES	NO	YES	NO	
1	Data flow accessible online	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	😊😊😊
2	Data flow up-to-date	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	😊😊
3	Production methodology available and in accordance with the agreed standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	😊😊
4	Data flow assessed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	😊😊
5	Data flow source provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	😊

Please answer questions

Reporting on performance in SEIS establishment

- When testing the reporting mechanism availability and accessibility of 67 data sets and related information to be assessed in pan-European countries
- Secretariat to compile the results of the exercise for review by the Working Group

Thank you