



Mediterranean Action Plan Coordinating Unit
Barcelona Convention Secretariat



Indicator processes at UN Environment/MAP

Core NAP follow-up indicators

1st ENI SEIS II South Support Mechanism
Regional workshop on indicators
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Background

- 2012-2013: six aggregated indicators to assess implementation of UfM H2020 Initiative (H2020 RM Group):
Water, Solid wastes, Industrial emissions
- 2014: Larger scope of H2020 (ML and HW)
- 2012: adoption of 61 EcAp Indicators for the 11 EO (COP 17)
- 2013: commitment of the CP to update NAPs (COP18)
- 2014/2015: preparation of NAP update Guidelines by the Secretariat and a list of follow up indicators (over 50 indicators)
- 2015/2016: SDG and MSSD Indicators (work ongoing)
- 2016: Endorsement of updated NAPs (COP19);
- 2016: Adoption of IMAF indicators – 23 common, 4 candidate (COP19)
- 2020: Mid term report on NAP implementation



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Horizon 2020 indicators

IND 1 - Municipal waste generation (and composition)

IND 2 - Collected and treated municipal waste

IND 3 - Share of population with access to an improved sanitation system (total, urban, rural)

IND 4 - Volume of waste water collected, of which volume of waste water treated (and type of treatment)

IND 5 - Nutrient concentrations in transitional, coastal and marine waters

IND 6 - Release of toxic substances and nutrients from industrial sectors



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Approach for establishment of core NAP indicators

- Develop a common set of indicators to streamline different reporting requirements; (Meet MAP Barcelona Convention and H2020 Initiative reporting)
- Translate H2020 Indicators adjusting them to the needs of NAP implementation follow up
- Take into consideration parallel processes, SDG indicators, MSSD indicators, etc., to support countries/partners to meet different reporting requirements
- Give priority to indicators which are commonly found in several NAPs
- Support assessment of H2020/NAP implementation/effectiveness of NAP measures / achievement of operational targets
- Complemented by relevant IMAP common indicators for assessment of GES achievement in the **long term** (2021 and beyond)



Bottom up – top down approach

- Selection Criteria:
 - ✓ Including or taken into account already IMAP and respective H2020 indicators
 - ✓ Selected, if possible, by a number of countries in their NAPs (ideally over half the NAP countries);
 - ✓ Relevance with SDG indicators;
 - ✓ Total number of indicators should not exceed 15; covering all three EO (EO5, EO9 and EO10); and
 - ✓ Indicators should establish a clear link between the programme of measures, pressures, targets and GES
- Links identified with other relevant sets of indicators (MSSD, Regional Seas Core Indicators)



EO5 - Eutrophication

| EO | Proposed core NAPs indicators | NAPs Update Guideline Indicator /H2002 Ref. No | IMAP Indicator Ref. No | SDG Indicator Ref. No | Common priority measures |
|-----|--|--|------------------------------|-----------------------------|--|
| EO5 | 1. Share of population with access to an improved sanitation system (total, urban, rural) | WW01 | | 6.2.1 | Build/ extend sewage networks |
| | 2. Volume of wastewater collected, of which volume of wastewater treated (in population equivalent) | WW02 | | | |
| | 3. Wastewater treated (in population equivalent) | WW03 | | 6.3.1 | Build/ expand/ upgrade municipal wastewater treatment plants |
| | 4. Total loads of BOD5, Total nitrogen, Total phosphorus discharged to the Mediterranean Sea from urban wastewater treatment | WW05 | | | |
| | 5. Concentration of key nutrients in the water column | WW06 | 13 (5.1.1) | | |



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EO9 - Contaminants

| EO | Proposed core NAPs indicators | NAPs Update Guideline Indicator /H2002 Ref. No | IMAP Indicator Ref. No | SDG Indicator Ref. No ³ | Common priority measures |
|-----|---|--|------------------------------|--|---|
| EO9 | 6. Number of substances covered by national standards (ELV), for point source discharges into water or air | IND05 | | | Build/ expand/ upgrade IWWTP |
| | 7. Concentration of key harmful contaminants in the relevant matrix (biota, sediment, seawater) and their loads | IND01 | 17 (9.1.1) | | Build/ expand/ upgrade hazardous waste landfill facility |
| | 8. The amount of hazardous wastes environmentally soundly managed or exported by Y categories and by disposal/recovery operation (D-disposal, R-recovery, as well as treated in waste to energy facilities) | HW02 | | | |
| | 9. Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment | | | 12.4.2 | |
| | 10. Share of contaminated sites with toxic, persistent and liable to accumulate substances in the coastal area which have been closed/remediated including spills from industrial accidents | IND06 | | | Remediate contaminated industrial sites |



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EO10 – Marine Litter

| EO | Proposed core NAPs indicators | NAPs Update Guideline Indicator /H2002 Ref. No | IMAP Indicator Ref. No | SDG Indicator Ref. No | Common priority measures |
|------|--|--|------------------------------|-----------------------------|--|
| EO10 | 11. Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities | | | 11.6.1 | Establish/ reinforce collection of municipal waste |
| | | | | | Construct/ upgrade municipal solid waste landfills |
| | 12. Share of recycled, landfilled and incinerated municipal waste with respect to collected amount | MW05 | | 12.5.1 | Strengthen waste collection and disposal systems |
| | 13. Amounts/trends of marine litter washed ashore and/or deposited on coastlines, including analysis of its composition, spatial distribution and, where possible, source. | MW01 | 22 (10.1.1) | | |
| | 14. Index of coastal eutrophication and floating plastic debris density | | | 14.1.1 | |
| | 15. Share of existing illegal solid waste dumpsites on land that have been closed (in past 10 years) with respect to the total number | MW07 | | | Close and rehabilitate illegal dump sites |



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Consultation and review processes

- Reviewed by the Regional Meeting on NAPs implementation (Marseille, France , October 2016). Key conclusions:
 - The list of indicators selected using the bottom-up approach contains relevant IMAP indicators, H2020 indicators, as well as SDG indicators
 - Recommendation to take into account the process related to the indicators for MSSD implementation
 - Recommendation to continue this work in the framework of H2020 RM co-chaired by the EEA and UNEP/MAP, for final consideration at the MEDPOL focal point meeting in 2017.
- Presented in the 1st ENI SEIS II South SC and 7th H2020 RM Meeting (Athens, Greece, December 2016)
- Submitted for review by the MED POL Focal Points Meeting (Rome, Italy, May 2017)



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Key suggestions (IND2 & IND5)

| Existing H2020 Indicators | Suggestions |
|--|---|
| IND 2 Collected and treated municipal waste | Expand IND2 to integrate the core NAP indicator 12: “Collected municipal waste and share of treated (recycled, landfilled, and incinerated) municipal waste with respect to collected amount” |
| | Make core NAP indicator 15 a sub-indicator to IND2 or a new indicator: “Share of existing illegal solid waste dumpsites on land that have been closed (in past 10 years) with respect to the total number” |
| IND 5 Nutrient concentrations in transitional, coastal and marine waters | Indicator already included in the IMAP. Can complement H2020 indicators |
| | The possibility/need to have the core NAP indicator 14 (an SDG indicator) as a new H2020 indicator should be further considered: “Index of coastal eutrophication and floating plastic debris density” |



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Key suggestions (IND6)

| Existing H2020 Indicators | Suggestions |
|---|--|
| IND 6 Release of toxic substances and nutrients from industrial sectors | Refine existing H2020 IND6, splitting it into two: |
| | IND 6. Release of toxic substances from industrial sectors IND 7. Release of nutrients from industrial sectors and municipal WWTP |
| | Use Core NAP indicator 6 as sub-indicator to the IND 6: “Number of substances covered by national standards (ELV), for point source discharges into water or air” |
| | Use Core NAP indicator 10 as sub-indicator to the IND6 or as a new separate indicator (IND 8): “Share of contaminated sites with toxic, persistent and liable to accumulate substances in the coastal area which have been closed/remediated including spills from industrial accidents” |



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Thank you



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