

Congreso Nacional del Medio Ambiente
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MANUAL PARA LA EVALUACIÓN DE IMPACTO DE SbN

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En representación de los integrantes del grupo de trabajo de H2020
Bloque: Renovación Urbana
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Proyectos demostradores de SbN financiados por H2020 y *Task Forces* relacionadas

NATURE-BASED SOLUTIONS

HORIZON 2020 NBS RESEARCH PROJECTS TACKLE THE CLIMATE AND BIODIVERSITY CRISIS

Nature-based solutions (NBS) are inspired and supported by nature, they are cost-effective, simultaneously provide environmental, social and economic benefits and help build resilience, such solutions bring more, and more diverse, nature and natural features and processes into cities, landscapes and seascapes, through locally adapted, resource-efficient and systemic interventions. NBS must benefit biodiversity and support the delivery of a range of ecosystem services.

30 PROJECTS **678 PARTNERS** **57 COUNTRIES** **EUR 282M**

NBS IN CITIES

CLIMATE AND WATER RESILIENCE
[Connecting Nature](#)
[Grow Green](#)
[Urban GreenUP](#)
[UNaLab](#)

INCLUSIVE URBAN REGENERATION
[CLEVER Cities](#)
[EdiCiNet](#)
[ProCiReg](#)
[URBINAT](#)

INTERNATIONAL RESTORATION AND REHABILITATION OF URBAN ECOSYSTEMS
 EU-CHINA:
[CLEARING HOUSE](#)
[REGREEN](#)
 EU-CELAC:
[CONEXUS](#)
[INTERLACE](#)

IMPROVE WELL-BEING AND HEALTH
 EUPOLIS
[GO GREEN ROUTES](#)
[IN-HABIT](#)
[VARCITIES](#)

NEW NBS GOVERNANCE, BUSINESS, FINANCING MODELS AND ECONOMIC IMPACT ASSESSMENT TOOLS
[NATURATION](#)
[NATURE4CITIES](#)

HYDRO-METEOROLOGICAL RISK REDUCTION
[OPERANDUM](#)
[PHUSICOS](#)
[RECONNECT](#)

INSURANCE VALUE OF ECOSYSTEMS
[NAIAD](#)

INTER-RELATIONS BETWEEN CLIMATE CHANGE, BIODIVERSITY AND ECOSYSTEM SERVICES
[DRY-ER](#)
[FutureMARES](#)
[MaCoBioS](#)
[PONDERFUL](#)

NBS MULTI-STAKEHOLDER DIALOGUE PLATFORM
[Think Nature](#)
[NetworkNature](#)

ECOSYSTEM RESTORATION
[AMBER](#)
[MERCES](#)

NEW PROJECTS START IN 2021 ON CARBON NEUTRAL CITIES AND IMPROVED AIR QUALITY, WATER SECURITY AND ECOLOGICAL QUALITY IN CITIES AND ON RESTORING BIODIVERSITY AND ECOSYSTEM SERVICES.

NBS projects cluster in different thematic **Task Forces** to co-produce and communicate NBS relevant knowledge: Data Management and NBS Knowledge Repository, NBS Impact Evaluation Framework, Governance, Business Models and Financial Mechanisms, NBS Communication, Co-creation for NBS.

Public procurement of nature-based solutions
 Digita NBS case studies
 Research & Innovation - NBS

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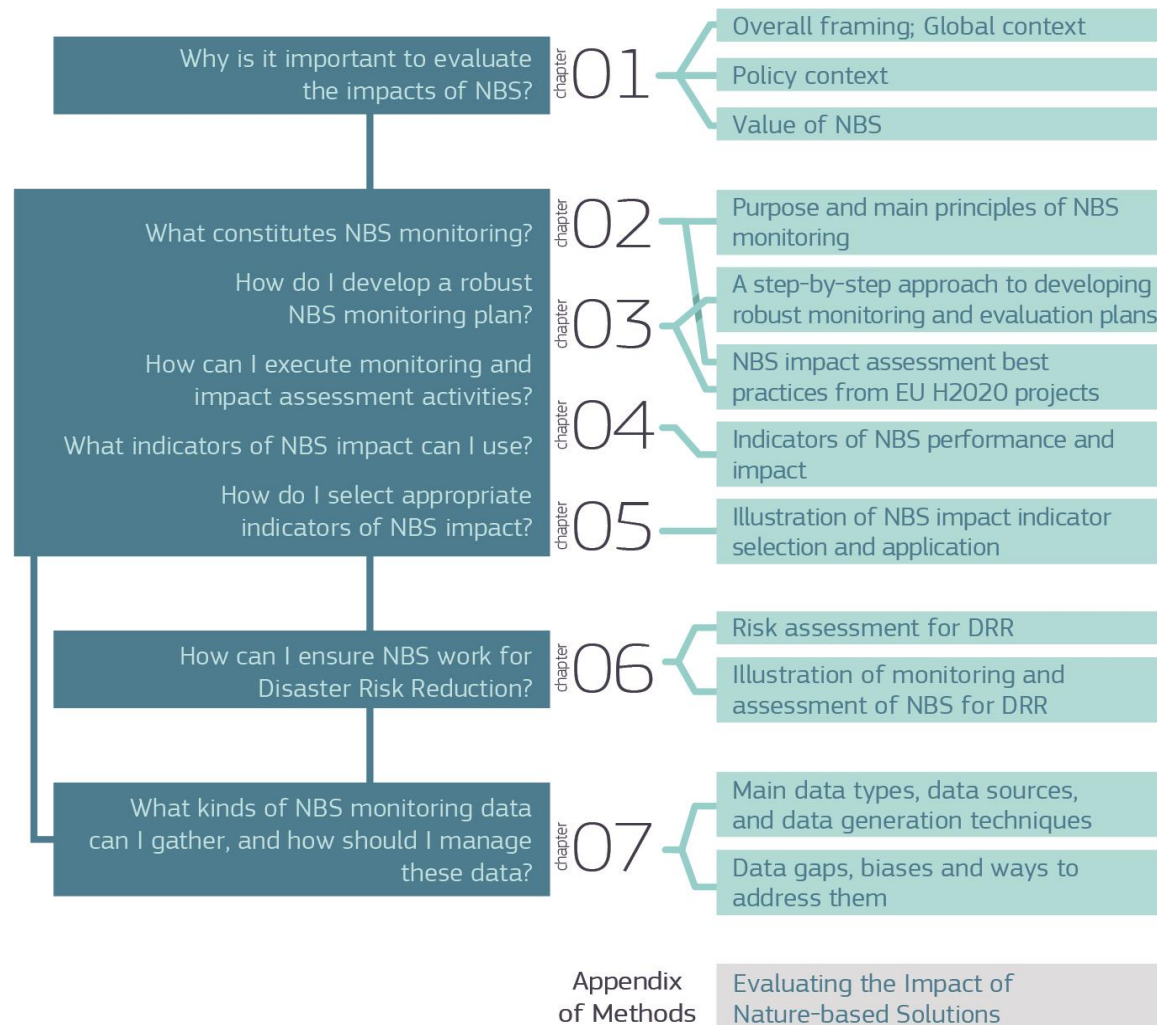
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Manual para la Evaluación de impacto de SbN (*Task Force 2*)



Enfoque y estructura de contenidos

- Chapter 1: Introduction
- Chapter 2: Principles guiding NBS performance and impact evaluation
- Chapter 3: Approaches to developing a monitoring and evaluation strategy
- Chapter 4: Presentation of impact indicators per challenge area
- Chapter 5: Guide to the application of NBS indicators
- Chapter 6: NBS for Disaster Risk Reduction
- Chapter 7: Data Requirements
- APPENDIX – Methods of determination for indicators of NBS impact



Indicadores estructurados en 12 retos sociales

1. Climate resilience: 5 + 31
2. Water management: 6 + 49
3. Natural and climate hazards: 6 + 60
4. Green space management: 4 + 56
5. Biodiversity enhancement: 7 + 31
6. Air quality: 3 + 14
7. Place regeneration: 7 + 27
8. Knowledge and social capacity building for sustainable urban transformation: 4 + 8
9. Participatory planning and governance: 6 + 13
10. Social justice and social cohesion: 7 + 15
11. Health and well-being: 7 + 33
12. New economic opportunities and green jobs: 11 + 36

**446 indicators across
12 Challenge Areas**

Recommended: 73

Additional: 373

Mixed approach:

Quantitative & Qualitative,
Measured & Modelled

Guidance for applicability:

To different types of NBS

**Classified according to
objective:**

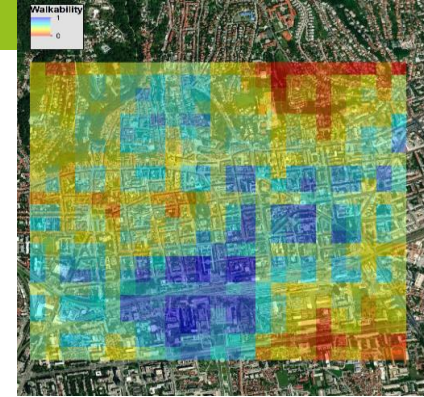
Structural-instrumental,
process-based or outcome-
based.

Principios para la selección y desarrollo de indicadores

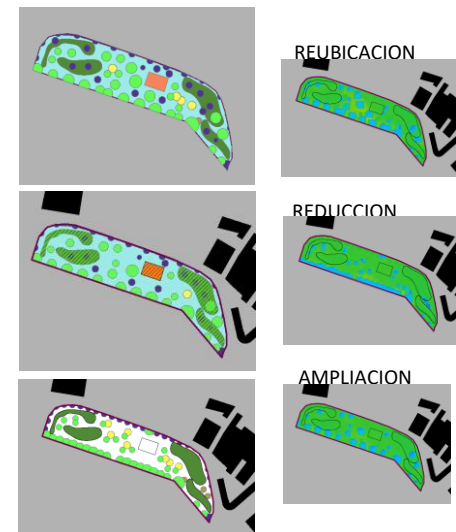


Ideas finales sobre la contribución del manual al estado del arte

- Evidencias sobre beneficios y co-beneficios (estandarización, comparabilidad).
- Análisis de coste-efectividad.
- Enfoque de evaluación y monitoreo aplicable desde la fase de planificación, diseño o intervención, con el objeto de comparar alternativas.
- Planes de monitoreo a largo plazo.
- Integración en el marco de procesos e instrumentos de planificación territorial y urbana.



Examples: Walkability Index in Zagreb (ProGReg), Thermal Comfort Valencia (Grow Green)



Proyectos H2020 que han participado en el desarrollo del manual



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¡Gracias!

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