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URBAN GREENUP METHODOLOGY RUP



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URBAN GreenUP Methodology, NBS based!

URBAN Green UP introduces the **concept of Renaturing Urban Planning**, which incorporates the **urban planning aspects directly related with the nature-based solution** as a part of Sustainable Urban Planning.

METHODOLOGY TO DEVELOP ACTIONS AND TO REACH THE URBAN GreenUP IMPACTS



URBAN GreenUP Methodology, NBS based!

Catalogue NBS [https://www.urbangreenup.eu/solutions/](https://www.urbangreenup.eu/solutions/Challenges)
Challenges **(Water, Air, Soil)**



Re-naturing urbanization

Planting and renewal urban trees



Arboreal interventions

Cooling trees (species to maximize cooling effect)



Arboreal interventions

Shade trees (species to spread canopies)



Arboreal interventions

Arboreal Areas around urban areas



Arboreal interventions

Trees Re-naturing parking



Parklets



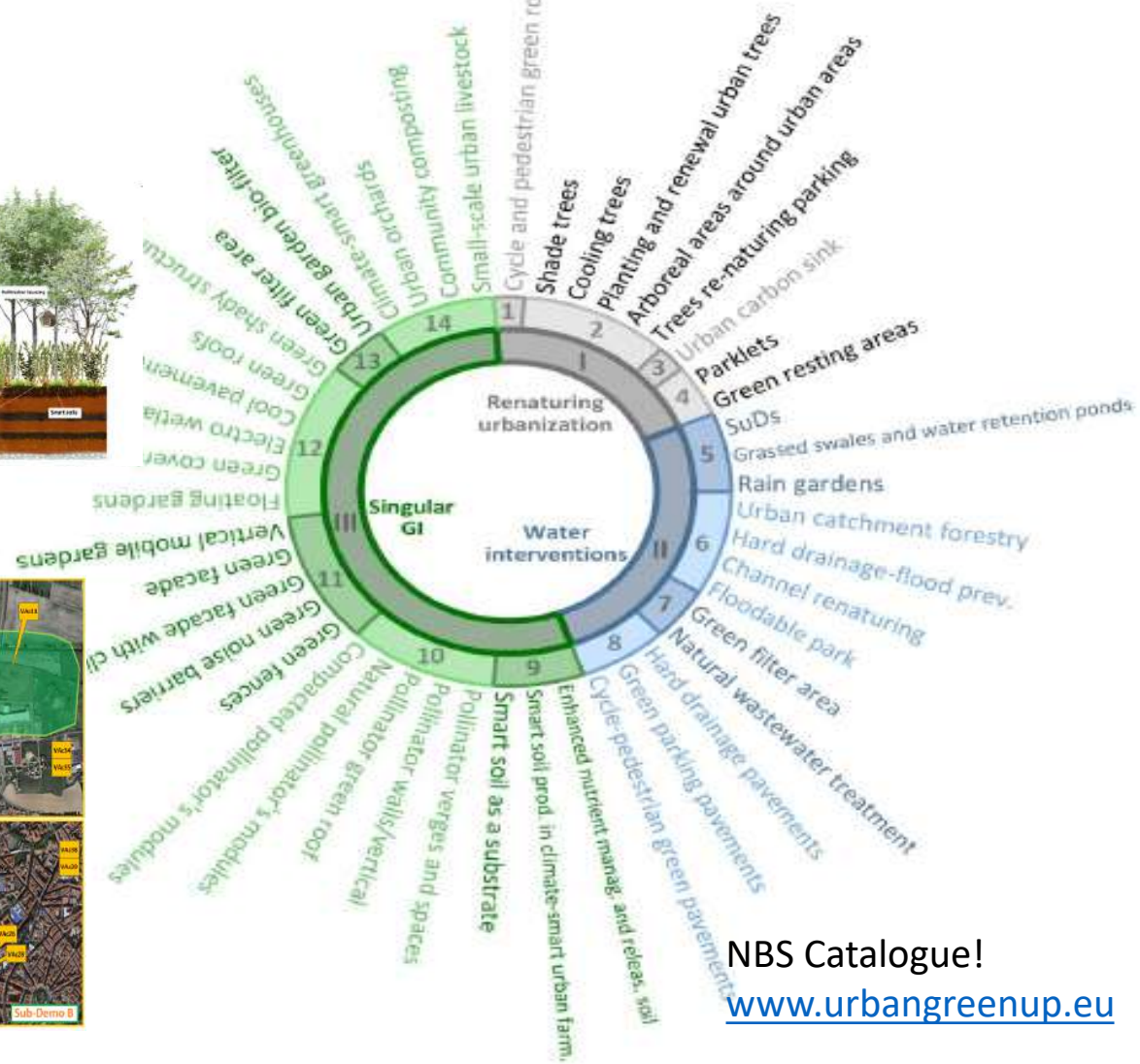
Urban Carbon Sink



Green resting areas



Water Interventions, Renaturing urbanization, Singular Green Interventions



NBS Catalogue!

www.urbangreenup.eu

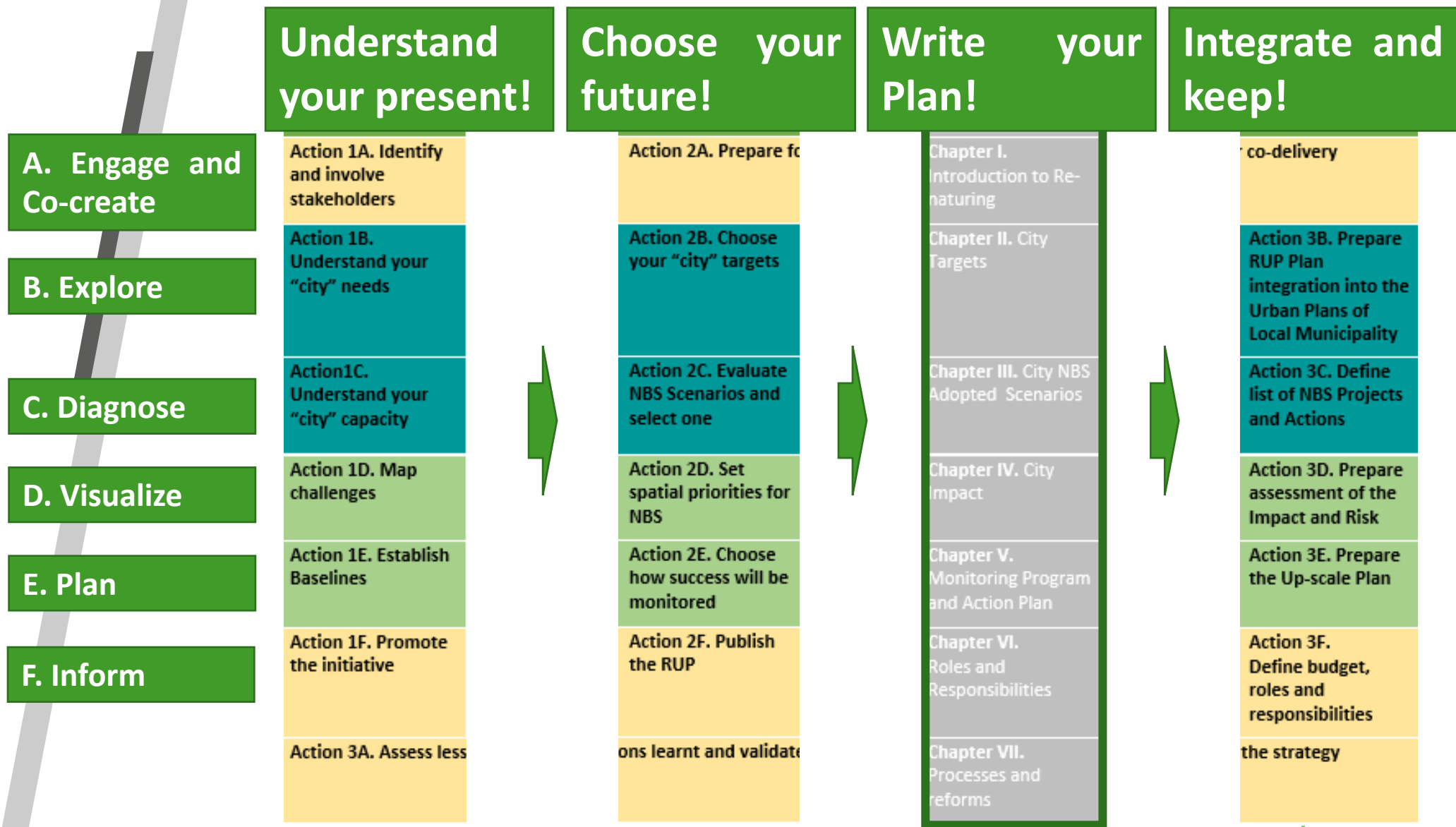
URBAN GreenUP Methodology, RUP!



URBAN GreenUP Tool <https://www.urbangreenup.eu>

How to start?	1 st . Understand your present	2 nd . Choose your future aspirations	3 rd . Integrate RUP and keep	"Renaturing Urban Plan"
A. Engage and Co-create	Action 1A. Identify and involve stakeholders	Action 2A. Prepare for co-delivery		Chapter I. Introduction to Renaturing
B. Explore	Action 1B. Understand your "city" needs	Action 2B. Choose your "city" targets	Action 3B. Prepare RUP Plan integration into the Urban Plans of Local Municipality	Chapter II. City Targets
C. Diagnose	Action 1C. Understand your "city" capacity	Action 2C. Evaluate NBS Scenarios and select one	Action 3C. Define list of NBS Projects and Actions	Chapter III. City NBS Adopted Scenarios
D. Visualize	Action 1D. Map challenges	Action 2D. Set spatial priorities for NBS	Action 3D. Prepare assessment of the Impact and Risk	Chapter IV. City Impact
E. Plan	Action 1E. Establish Baselines	Action 2E. Choose how success will be monitored	Action 3E. Prepare the Up-scale Plan	Chapter V. Monitoring Program and Action Plan
F. Inform	Action 1F. Promote the initiative	Action 2F. Publish the RUP	Action 3F. Define budget, roles and responsibilities	Chapter VI. Roles and Responsibilities
A. Engage and Co-create	Action 3A. Assess lessons learnt and validate the strategy			Chapter VII. Processes and reforms

URBAN GreenUP Methodology, RUP!



Before Starting. City Base Situation!

The overall aim of the methodology is to support the cities in their local RUP planning. The municipality environments that are different depending the local city capacities and culture!

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- An aerial photograph of a city street grid. Overlaid on the map are several colored shapes: a red rectangle on the left, a yellow rectangle below it, and several purple and blue shapes scattered across the map. Labels on the map include "Smart Soil" in a grey box, "Padre José Acosta", "Isabel la Católica", "López Gómez", "City of Vall", "New cycle 1", "Renaturing:", and "san Isidro". A circular logo with a registered trademark symbol (®) is also visible.
- * **City location (Climate, Urban Structure)**
 - * **City main barriers (+Social)**
 - * **City challenges (EKLIPSE based)**
 - * **City baseline (Impacts environmental, economic, social...)**
- ✓ **NBS, projects and initiatives to be adopted!**

A. Engage and Co-create! How to start?

To deliver trans-disciplinary and community-based stakeholder engagement strategy including the social sciences and humanities best practices in the co-design, co-development and co-implementation of the city's NBS projects.

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- The background of the lower half of the slide features a diagram illustrating a four-stage engagement cycle. The stages are represented by purple text labels: "Inform" (top left), "Involve" (top right), "Collaborate" (bottom right), and "Consult" (bottom left). These labels are connected by a series of blue circles and orange arrows, forming a clockwise loop. The entire diagram is overlaid on a faded image of a green building with a large tree in front of it.
- ✓ **Identification and involvement of stakeholders (local authority, politicians, technical experts, business, academia, citizens, other relevant).**
 - ✓ **Preparation for co-delivery (involvement, development, implementation, financial).**

B. Explore! How to define the city Targets?

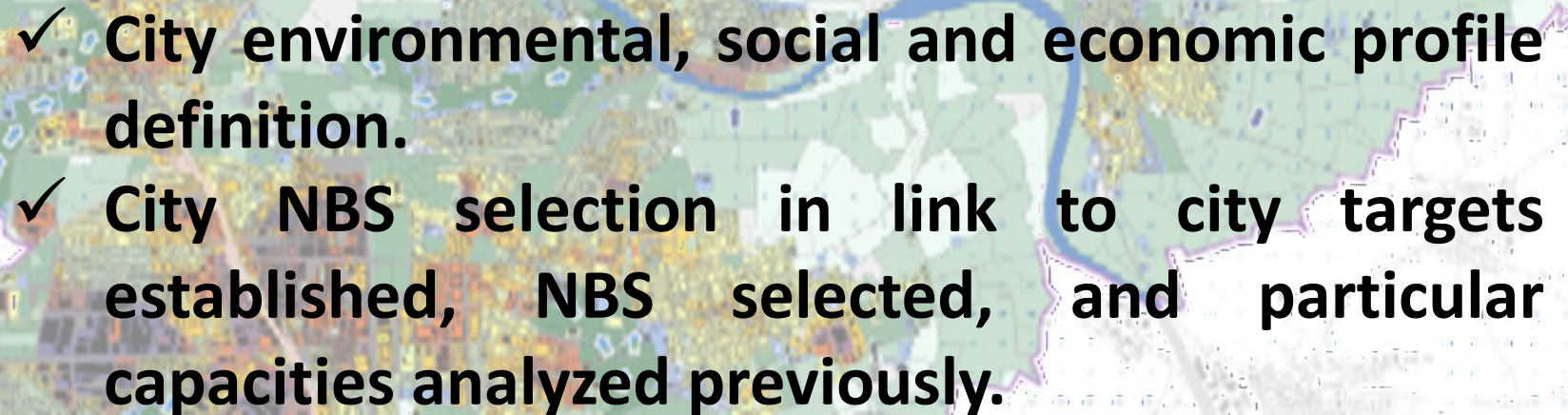
The objective of this step is to define the aspirations for re-naturing process of the city. The Societal Challenges and NBS solutions are proposed, to answer the city/area different criteria, characteristics, problems, targets, budget, social issues, climate, previous experiences, etc.

- ✓ **Understanding of the city needs.**
- ✓ **The definition of the city targets.**
- ✓ **Preparation of the municipality for integration of the RUP plan.**



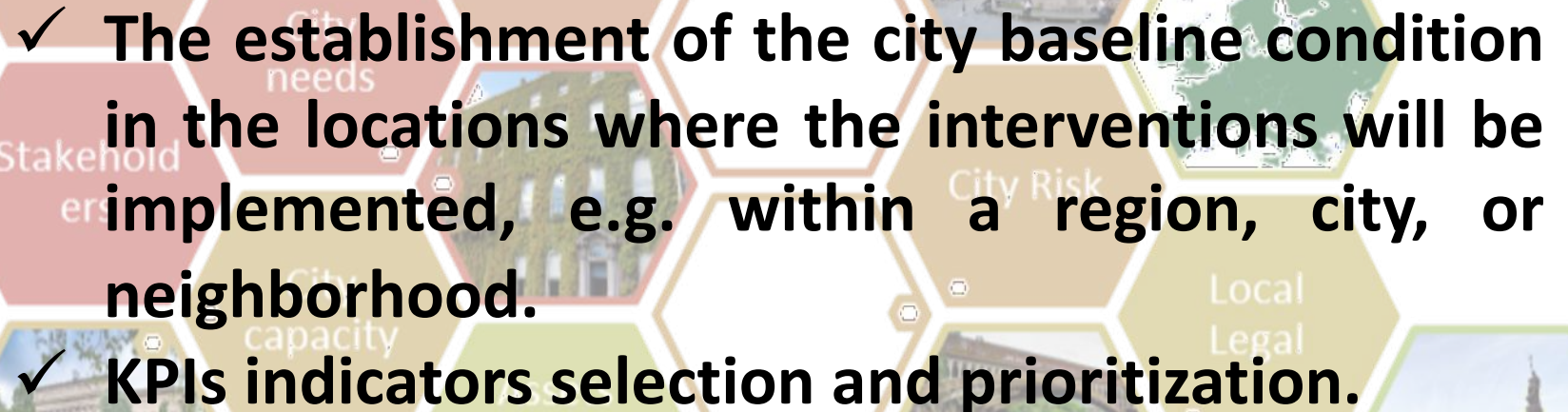
C. Diagnose and D. Visualize! How to define the city NBS Scenario?

The objective of this step is to deliver a detailed diagnosis of the city/area in respect to the societal challenges selected for a city in the previous step. The deep analysis on barriers, boundaries and opportunities for corresponding NBS indicated will complete the study. The zoning constrains and specific rules will complete the diagnosis from special perspective. The information will allow the selection of the city societal challenge scenarios with selected NBS.

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- A background map of a city area, showing various urban features like buildings, roads, and green spaces. The map is overlaid with a semi-transparent green and yellow color scheme, likely representing different land use or NBS scenarios.
- ✓ **City environmental, social and economic profile definition.**
 - ✓ **City NBS selection in link to city targets established, NBS selected, and particular capacities analyzed previously.**

E. Plan! How to evaluate the city NBS Scenario?

The objective of this step is to deliver the evaluation plan for the NBS scenarios generated. It will include the KPIs prioritization criteria. The information generated will allow the calculation of the KPI's corresponding each NBS. The level reached with respect to the targets defined and the baseline calculation is identified.

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- ✓ **The establishment of the city baseline condition in the locations where the interventions will be implemented, e.g. within a region, city, or neighborhood.**
 - ✓ **KPIs indicators selection and prioritization.**

F. Inform! How to integrate the RUP Plan?

The objective of this step, a part of defining of the information channels for the RUP, is definition of the organizational structure of the Municipality for the implementation and promotion of the RUP.

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- ✓ **Promote the initiative and Publish the RUP!**
 - ✓ **Lessons Learnt from URBAN GreenUP!**

Join the workshop!

To join, go to: ahaslides.com/DBC1J

 AhaSlides

Renaturing Urban Planning (RUP) Assessment

Methodology validation





THANK YOU
FOR YOUR ATTENTION

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