



ENERGY EVALUATION
EUROPE CONFERENCE 2025
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Providing operational economic appraisal methods and practices for informed
decision-making on climate and environmental policies

Bridging ex-ante and ex-post assessments in environmental and climate policy evaluation



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Bridging ex-ante and ex-post assessments in environmental and climate policy evaluation

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The **role** of ex-post and ex-ante economic appraisal in policy

Bridging the looking backward and forward perspective for policy appraisal

Bridging can increase:

- Policy learning
- Accuracy & reliability of ex-ante
- Information for design, implementation and monitoring phases.

Bridging in PATTERN project

One Stop Shop

- Improving methodologies, techniques and models for conducting economic appraisal of climate & environmental policies
- Improve the broader policy evaluation framework and practices currently used

Guidelines to bridge ex-post and ex-ante

- Part A: Ways of bridging for each evaluation step
- Part B: How can bridging be applied by the PATTERN economic appraisal methods ?

Policy Recommendations for bridging ex-post and ex-ante

- Overview of bridging techniques
- Insights into enabling frameworks for evaluation



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Guidelines to bridge ex-post and ex-ante for policymakers

Deliverable 4.3



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Evaluation framework

Elements

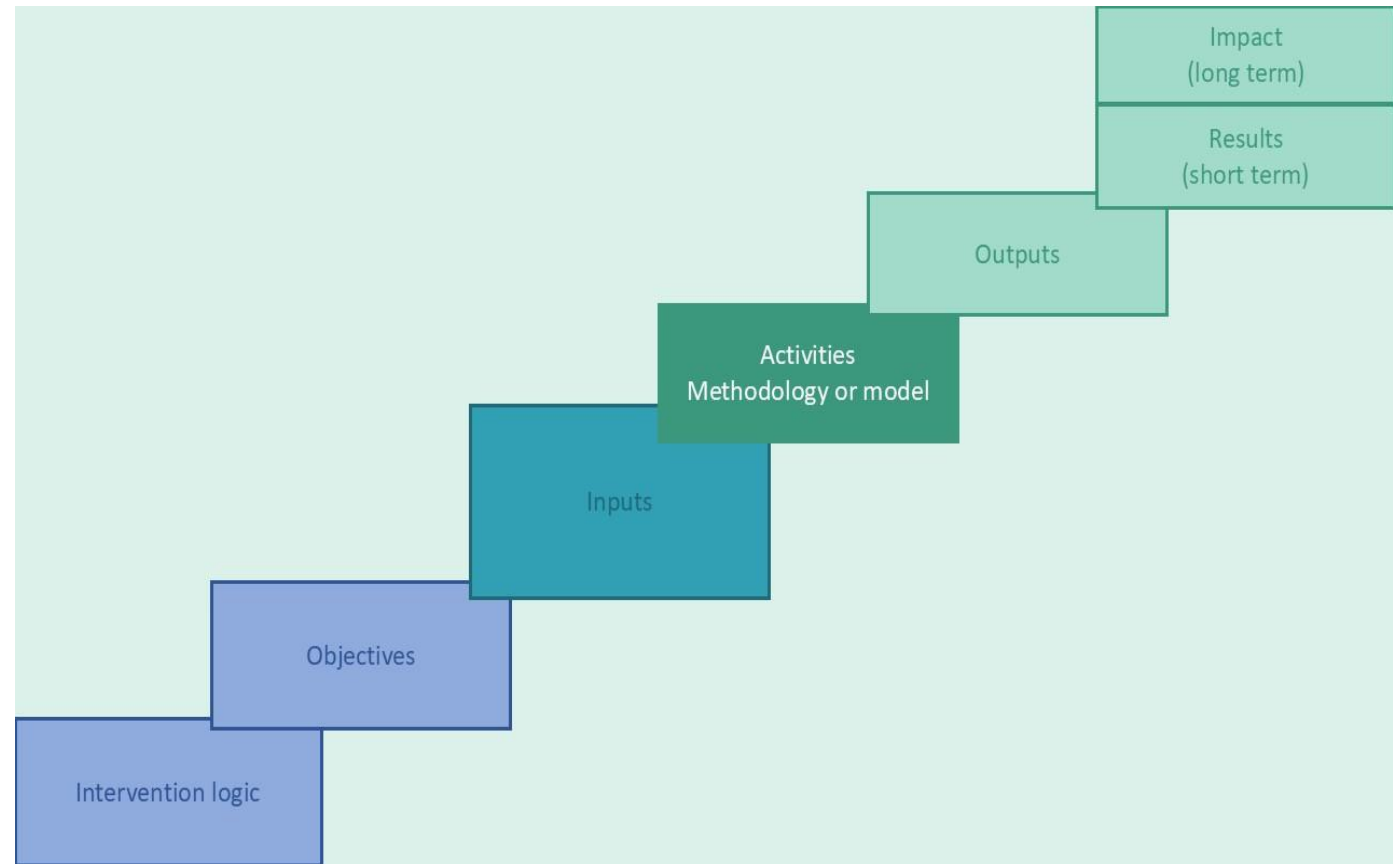
- Setting up evaluation
- Data & monitoring
- Conducting the appraisal

General practices

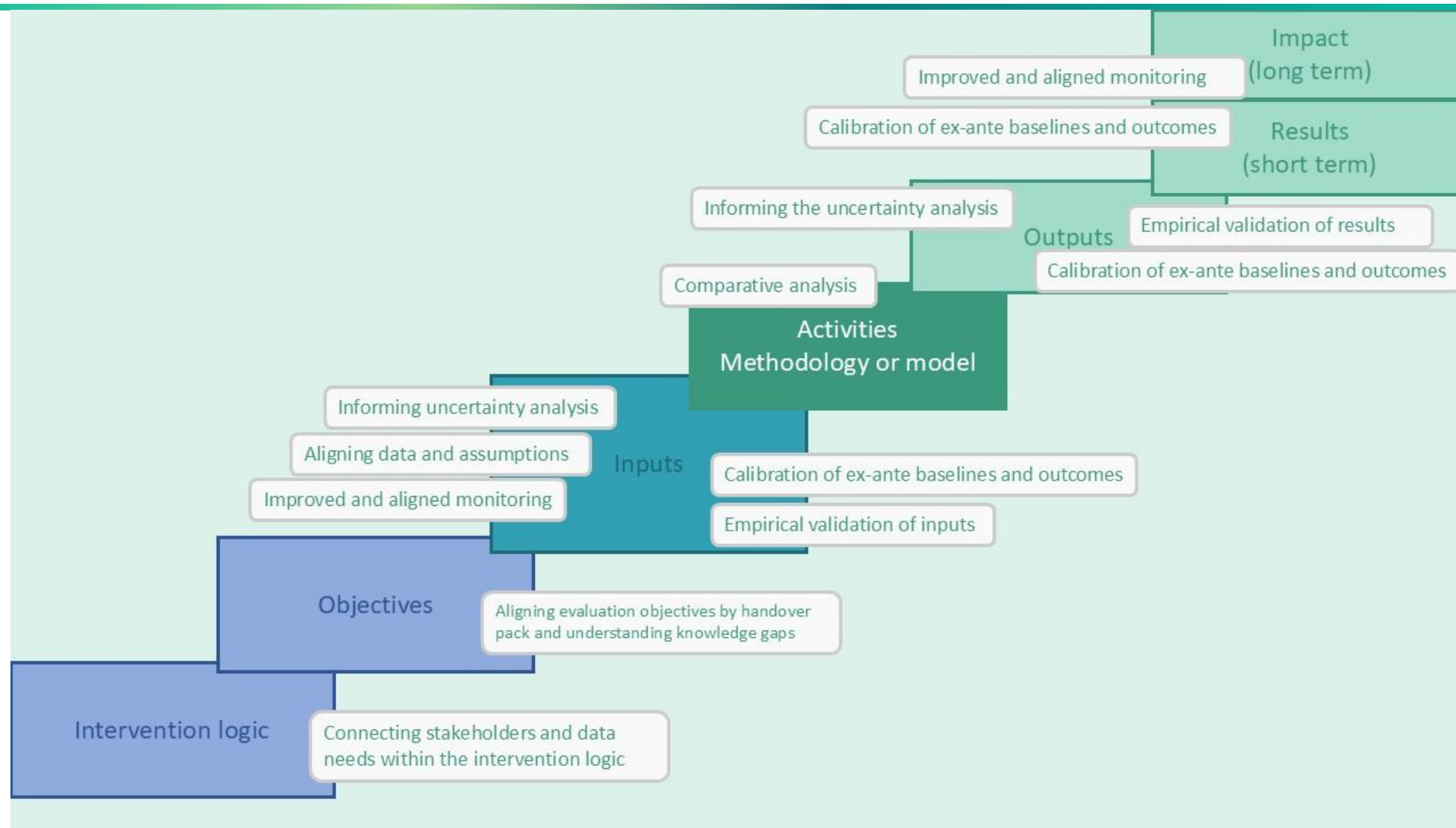
- Using intervention logic
- Fostering collaboration

Bridging techniques

- Aligned data inputs & assumptions
- Align monitoring
- Calibration
- Uncertainty analysis
- Comparative analysis



Evaluation framework



Institutional arrangements



- Legal frameworks
- Dedicated institutions/services
- Guidelines for bridging

Procedures embedded in policymaking



- Cyclical approach
- Evaluation timing

Capacity building



- Training and skills development
- Knowledge exchange platforms



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Policy recommendation for bridging of ex-post and ex-ante

Deliverable 5.4



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1 DEVELOP a Handover Pack

Create a unified monitoring framework with standardized indicators and data categories.

Include scheme details, behavioral response assumptions, model specifications, and forecasting reports.



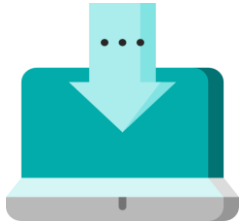
2 SYNCHRONIZE Evaluation Timing

Align the scheduling of evaluations with policy cycles and budgetary reviews to ensure that ex-post findings are available in time to inform upcoming ex-ante assessments.



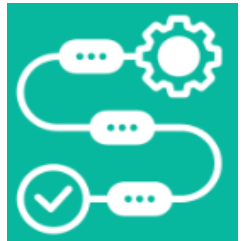
3 ENGAGE Stakeholders and Use Intervention Logic

Engage a wide range of stakeholders throughout the evaluation process to ensure diverse data input and increase the relevance and acceptance of findings.



4 ALIGN Data Inputs and Assumptions

Standardize data types and sources across ex-post and ex-ante evaluations, ensuring consistency by using common indicators and aligning data collection methodologies



5 EMBED Procedural Frameworks

Establish structured review procedures and embed bridging into policy cycles, linking evaluations directly with budgetary and policy-making processes.



6 EXCHANGE Knowledge

Create platforms for regular interaction between ex-ante and ex-post evaluators to facilitate the exchange of insights, experiences, and best practices.



7 IMPROVE Model Accuracy and Reliability

Integrating ex-post insights into ex-ante appraisals, and vice versa for improved model accuracy and reliability through empirical validation, calibration, uncertainty analysis, and comparative analysis.



8 PROMOTE Evaluation

Heads of departments and senior policymakers should champion the integration of ex-post and ex-ante evaluations, ensuring that evaluation results are systematically used in policy decision-making.



Thank you!

Get in touch for more information



[D1.1 Current evaluation practices and related challenges of policy evaluation and bridging ex-post and ex-ante](#)

[D4.3 Guidelines to bridge ex-post and ex-ante for policymakers](#)

[D5.4 Policy recommendation for bridging of ex-post and ex-ante](#)



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