

SESSION 7

Deep Dive

Embedding Climate Adaptation in Public Investment

Armenia's experience

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of Ireland
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Climate questions enter early. The evidence deepens as projects mature.

01

Concept appraisal

Identify climate impacts and risks
Explain the adaptation contribution

Early screening

02

Feasibility study

Test exposure and vulnerability
Compare adaptation measures

Evidence for design

03

Appraisal and selection

Reassess the project using the same criteria
Use the stronger feasibility evidence

Evidence for prioritization

The remaining reform challenge is to connect appraisal and prioritization more firmly to the budget.

Mitigation

Criterion 4 assesses the project’s effect on greenhouse gas emissions.

Emissions effect	Points
Reduction	2
Neutral	1
Increase / no information	0

Adaptation and resilience

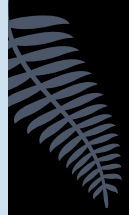
Concept notes explain the contribution to adaptation readiness.

Risk criterion, question 5.12

Have the climate and disaster risks been considered and were proposed appropriate risk-reduction measures?

The updated guidance sets out a proportionate assessment process

Step	Required analysis	Decision supported
Screening	Update exposure and sensitivity using location, asset type and future climate conditions	Which hazards need detailed analysis?
Detailed assessment	For medium or high screening risks, assess likelihood and impacts over the asset’s life	How could costs and service benefits change?
Adaptation options	Compare measures, costs and risk reduction. Record responsibilities and residual risk	Which measures belong in the design and operation?



Illustrative application of the guidance

Stage	How the climate question changes the project
Concept	Identify flood and landslide exposure along the proposed route. Flag risks to year-round access.
Feasibility	Compare route and drainage options. Assess damage, maintenance costs and service disruption over the asset’s life.
Selection	Use the analysis to assess risk and economic justification. Carry the selected measures and residual risks into the appraisal.

Climate institution	Institutional strength	Reform priority
Climate-aware planning	Medium	Medium
Coordination between entities	Medium	Medium
Project appraisal and selection	Low	High
Budgeting and portfolio management	Low	High
Risk management	Medium	High

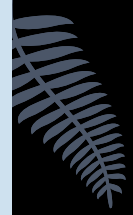
The updated feasibility guidance addresses a gap identified in the assessment.

Priority	Next step
Consistent appraisal	Operationalize the updated guidance with common data, worked examples and training. Refine adaptation-sensitive criteria.
A firmer budget link	Connect the appraised pipeline to budget eligibility, project readiness and medium-term priorities. Reduce exemptions.
Delivery and assets	Track implementation and climate outcomes. Record exposure of critical assets and reflect it in maintenance.
Wider fiscal coverage	Strengthen climate-risk analysis for infrastructure, SOEs and PPPs. Connect investment information with climate budget tagging.

Our experience

Climate questions need to shape the project while choices are still open.

Our next priority is to carry that evidence into funding decisions and the management of public assets.



Thank you for your attention!