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Project-level mitigation measures in infrastructure projects

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Obstacles to accelerating the climate transition in the construction sector

Large difference between potential and implementation:

- Pilot projects go a long way – limited scale-up
- Insufficient competence/resources
- Lack of sharp and predictable procurement requirements
- Move towards CO₂ reduction => competitiveness



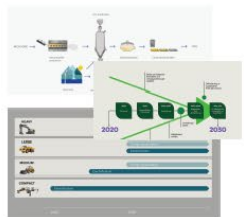
Development of a climate action menu

- Map, describe and quantify key mitigation measures

Industry sector roadmaps



Business and industry plans



Results from industrial R&D projects



Literature reviews



Case studies and scenario analyses



Forthcoming public procurement requirements



- Climate action menu as "recipes"
- Not BAT - generally achievable
- Focus on measures within the project domain of influence
- Refined in workshops in Skellefteå

Climate action menu – “Recipe” for 2025-2030



Systematic carbon management



Cement, concrete
-38%



Steel (rebar/ structural)
-35%/-14%



Asphalt pavement
-38%



Site preparation
-15%



Construction equipment
-45%



Heavy transports
-45%

Feedback and next steps

- Useful as a baseline level across small and large projects
- Foundation for dialogue
- Check list across project stages
- “Benchmark” for companies

Next steps:

- Test in projects
- Broad dissemination
- Integration in tools, hand books and similar



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Tack!

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