

ISSUE: 04. WINTER SERVICE MANAGEMENT

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Room: B

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Presentation title:

DE-ICERS STORAGE, MANAGEMENT AND STRUCTURAL DESIGN: A TECHNICAL GUIDE
PRESENTATION

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Summary:

The deicers and anti-icers roles, in winter conditions, are to prevent ice formation and to improve surfaces and driving conditions along with traffic ones. They improve the traffic comfort and the user's safety. They are nevertheless expensive and not re-usable products insofar we consider that there is no plans, currently, to their recycling and having a significant environmental impact. Previous studies have shown that 800 000 to 2 millions tons, divided between 20 000 to 25 000 storage places are used annually in France. These have variable quality and can be the cause of economic and ecological impacts (product's dissolution, capital cost). An appropriate storage, fitting the need, to the product and to its use, reduces these impacts while ensuring the spreading quality.

