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### ESSEM COST Action 727

## Measuring and forecasting atmospheric icing structures

The word icing is used to describe the process of ice or snow growth on a structure exposed to the atmosphere. The potential for icing of structures is an important design parameter in many sectors, e.g., building industry, maritime and aviation activities, and it has recently become a relevant issue also in activities related to wind energy production. Furthermore, human activities are increasingly extending to cold climate regions affected by icing problems.

The main objective of the Action is to develop our understanding of icing (especially in-cloud icing) events and their distribution over Europe as well as to improve our potential to observe, monitor and forecast them.

(Descriptions are provided by the Actions directly via e-COST.)

### Earth System Science and Environmental Management COST Action 727

- ▶ **Description**
- ▶ Parties
- ▶ Management Committee

### General Information\*

**Chair of the Action:**  
[Dr Alain HEIMO](#) (CH)

**Vice Chair of the Action:**  
[Dr Dimitar NIKOLOV](#) (BG)

**Science officer of the Action:**  
[Dr Deniz KARACA](#)

**Administrative officer of the Action:**  
[Ms Andrea TORTAJADA](#)

### Downloads\*

**Action Fact Sheet**  
[Download AFS as .RTF](#)

**Memorandum of Understanding**  
[Download MoU as PDF](#)

**Progress Report**  
[Download Progress Report as PDF](#)

### Websites\*

**Action website:**  
<http://www.cost727.org>

\* content provided by e-COST.  
Data is synchronised once per night.

