

# 3D-ICESIM

3D aircraft icing code development based  
on high resolution icing wind tunnel tests

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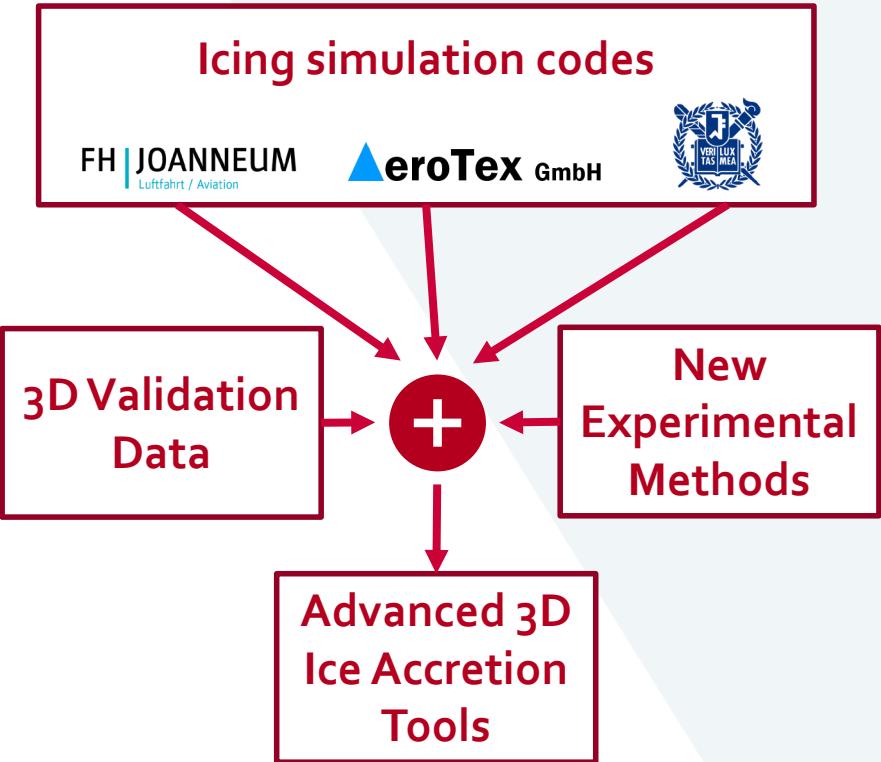
## Consortium Partners

- FH JOANNEUM Gesellschaft mbH (coord.)
- AeroTex GmbH
- Seoul National University (SNU)
- Austrian Institute for Icing Sciences (AIIS)
- Rail Tec Arsenal (RTA)



## Project Goal

- Merging the existing simulation tools (FHJ, ATX and SNU) and bundle the code development capacities to generate advanced 3D ice accretion tools.
- Development of new and enhanced experimental documentation methods to enable the generation of high-quality validation data.



# Work Plan

WP1

Project Management

WP2

Development and  
improvement of  
experimental methods

WP3

Experimental testing and  
data evaluation

6 days IWT-testing at  
RTA in Q2 2024 on a  
3D mock-up

WP4

Improvement of 3D ice  
accretion codes

WP5

Dissemination and  
exploitation of results

## Dissemination & Exploitation



Scientific Dissemination



Commercial Exploitation of Experimental Methods



Commercial Exploitation of Numerical Methods



Validation Database

## Contacts

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