## COMET: K-Project

### FB Krems

#### Future Building

<table>
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<tr>
<th>Main location</th>
<th>Krems a.d. Donau</th>
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<td>Other locations</td>
<td>-</td>
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<tr>
<td>Research programme</td>
<td>The K-Project &quot;Future Building&quot; aims to develop building products and building systems satisfying the needs of a sustainable developing society. It is structured in two areas, i.e. COMPONENTS and SYSTEMS.</td>
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### Planned realisation and outcomes

Based on nine research projects more than 15 new products/ modules/systems/ technologies will be developed. Accompanying research on influencing factors concerning the requirements for implementing these innovations will generate substantial know-how for the subsequent transfer to demonstration and market introduction by the company partners. Examples for such developments in Area A are newly developed modules and components for future buildings like innovative insulation wall panels or highly sophisticated translucent glass elements with active light and insulation control features. From Area B new concepts like elements for modular light weight buildings, next generation building automation systems, new biomass heating systems that are highly integrated in the building structure or innovative concrete building elements for indoor climate management can be expected.

### History of establishment

Future Building was newly developed by Dr. Renate Hammer, MAS and Dr., Peter Holzer, both Danube University Krems, with significant support from ECOPLUS, the business agency of Lower Austria. A company of limited liability was funded in December 2009.

### Selected company partners (max. 10)

1. Ardex Baustoff GmbH
2. Eaton GmbH
3. Eckelt Glas GmbH
4. Eder Ziegelwerke GmbH
5. Hartl Haus GmbH
6. Ortner GmbH
7. Saint-Gobain Isover Austria GmbH
8. Schiedel Kaminsysteme GmbH
9. Verein Österreichischer Beton- und Fertigteilewerke
10. Weider Wärmepumpen GmbH

### Selected scientific partners (max. 5)

1. bioenergy 2020+ GmbH
2. Donau-Universität Krems
3. e7 Energie Markt Analyse GmbH
4. Österr. Institut für Baubiologie und -ökologie
5. Universität für Bodenkultur

### Selected international partners *(max. 5)*

1. Technische Universität Dresden
2. 
3. 
4. 
5. 

### Start Date

01.07.2009

### Planned number of personnel

3 (FTE) thereof researcher 2,5

### Total costs

EUR 3.798.056,-

### Leader of consortium:

Future Building GmbH

Arch. DI Dr. Renate Hammer, MAS and DI Dr. Peter Holzer

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1 Partners with headquarters outside Austria
2 First funding period: K1-Centres: 4 years, K2-Centers: 5 years;