Urban Waters for Urban Agriculture
ROOF WATER-FARM is Blue-Green Infrastructure ready to use!

Technological scale: Products & Qualities after 4 years of research

**Service water**
from Greywater: *almost drinking water quality*

**Goldwater** (NPK-fertilizer) from Blackwater: *like conventional fossil fertilizer*

**Aquaponic Fish & Hydroponic Greens:**
*food quality*
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*Urban scale: Building-integrated applications after 4 years of research*

<table>
<thead>
<tr>
<th>Building typologies</th>
<th>TYPE 1 RESIDENTIAL</th>
<th>TYPE 2 COMMERCIAL</th>
<th>TYPE 3 BILDUNGSBAU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examples</td>
<td>apartment block</td>
<td>office building</td>
<td>school building</td>
</tr>
<tr>
<td></td>
<td>Large housing estate</td>
<td>shopping center</td>
<td>university</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RWF options</th>
<th>TYPE 4 HOTEL BUILDING</th>
<th>TYPE 5 SPECIAL FUNCTIONAL BUILDING</th>
<th>TYPE 6 INDUSTRIAL BUILDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examples</td>
<td>hotel</td>
<td>student residence</td>
<td>container</td>
</tr>
<tr>
<td></td>
<td>house; youth hostel</td>
<td>kindergarten</td>
<td>industrial building</td>
</tr>
</tbody>
</table>

**Typologies according to usage: residential, commercial, educational.**

**RWF options: for-profit, non-profit, mobil.**

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Urban design-management tools recommended after 4 years!

RWF-Building Passports

RWF-Network-Maps

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Jumping the Gap between innovative & established infrastructures!

What would be steps to overcome barriers between innovative practice and sectoral thinking at all levels (planning, authorities, practitioners) ?

How could an integrative support of multifunctional blue-green infrastructures from approval authorities (planning, food, water...) be organized while „jumping“ sectoral obstacles?

What could be „new“ resp. sustainable & fair operator models between centralized/monopolistically and decentralized/local service providers?