The current situation

- a lot of partners are helping us to produce and maintain our products (the building industry, a variety institutions, experts and authors).

- a lot of information about the knowledge of construction
  - 200 volumes, with 1m positions, 35'000 terms (Multilingual)
  - information on costs and energy, eco data (benchmarks)
  - interconnections between the products of third parties (norms, standards, rules)

- taking into account the needs of both, the minority and the majority (multilingualism, large and small enterprises, different project organizations, processes etc.)

- the building industry is in the process of change
  (the industry as a whole is not moving at the same speed or in the same direction)
Online Services for Partners of CRB

<table>
<thead>
<tr>
<th>data partners</th>
<th>technical partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>develop and expand data, thereby creating new needs. This, in turn, leads to new products.</td>
<td>collaborate with CRB in development of new structures and contents (know how).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>marketing partners</th>
<th>development partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>make use of direct marketing channels and expand product palette through additional products.</td>
<td>use platform to provide access to new products. New products and services enhance user benefit.</td>
</tr>
</tbody>
</table>
Standards for cost planning SN 506 511

Authoring system for CRB and partners
Information, Standards on costs and energy

EAK
Kostenkennwerte
Elementarten Katalog

EAK
Energie
Elementarten Katalog

Shop-system for CRB and partners
CRB online components

CRB data

Data
new and existing products

CRB webshop

Licence

Users
Designers
Contractors

CRB -Reader
http://sia451.crb.ch
The current challenges

the challenges facing CRB
• how to get users and target groups involved in development and production
• how to involve the users more efficiently in the entire process
• what to do to be flexible enough and still maintain our standards (good quality, being on time, an acceptable price)

how we are meeting these challenges
• we are still involving the experts and the authors with their specific knowledge (top-down)
• but now we are also getting the users involved with their knowledge (bottom-up)
for CRB „online“ means
user participation
bottom-up as well as top-down
the synergy of CRB’s existing standards and those
of the internet (CRB 2.0)
1. Communication, „spread knowledge about BIM“
here we want to support the different groups in the building and
corstruction sector about the advantages and the profit with BIM.

2. Partner's integration, „the platform for exchange of
knowledge and interest“
We invite the different representatives groups from the building
industry
to use the platform buildingsmart (for example the organizations of the
builder-owners, the planners, the FM people, the contractors and of
course the software industry, among others.

3. Support know-how and innovation about BIM
Here we would like to involve the different groups who use BIM in their
daily work. Our strategy her is to work with big groups.
One of our primary goals is that BIM becomes as an integral part of
the university. To achieve this we want to organize a competition in
2010 at the schools which already use the BIM integral component.

thanks