THE GROWING STEEL HOUSE



family rules

ANSWERING THE QUESTIONS

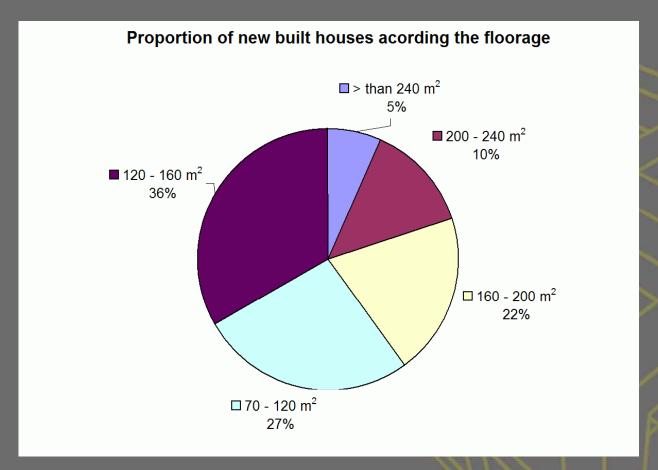
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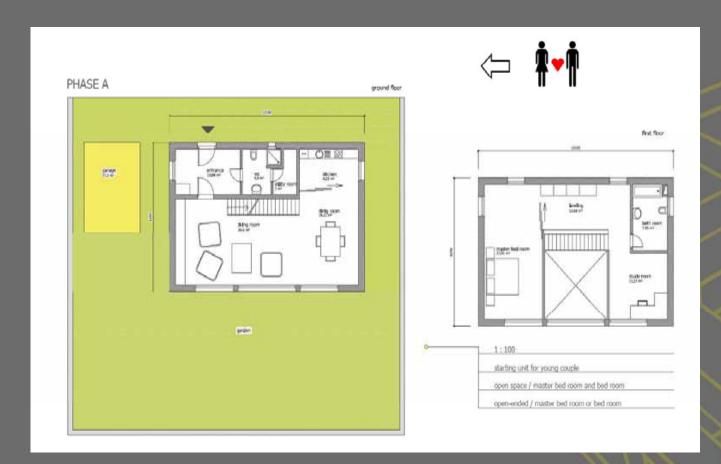
QUESTION 01: Do the dimensions of the house correspond to a "standard" in Czech Republic?

On the following graph is shown distribution of floorage of new built houses:



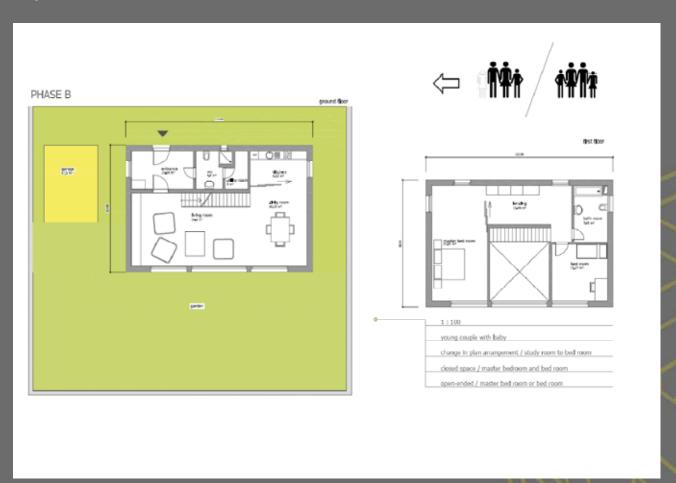
- Main group of houses (36%) has floor area between 120 and 160 m².
- The other big group (27%) has floor area between 70 and 120m².
- Our growing steel house has in the basic configuration total floor area 130m².
- It corresponds to the "low standard house" in the Czech Republic.

QUESTION 02: It is highlighted the necessity to have a house which can be adapted to modifications of the family composition. Could you clearly identify the modularity of your proposal?

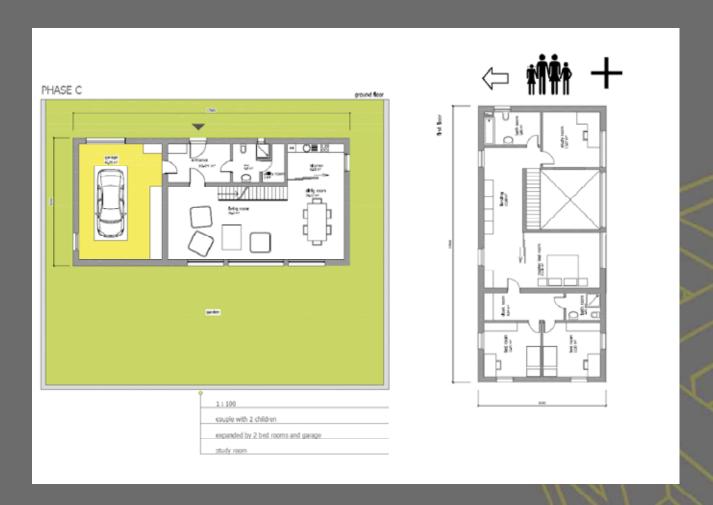


Starting unit for a young couple without children

Young couple with baby
Open space, changed disposition
Open-ended / master bed room or bed room



Couple with two children + car Open space / possibility to have study room or to have third bedroom Open-ended / master bed rooom or study room



QUESTION 03: In your document, you are talking about family "4+1". What does it mean?

• The expression "Family house 4+1" means that the flat or house consists of 4 rooms plus kitchen. (similar to 3+1; 2+1...)

QUESTION 04: Could you clearly identify what are the "innovative" aspects of your project?

- Functionality and variability of the building
- The house changes and grows according to the social and financial needs of the family
- Low energetic 25 kWh/m²/year
- Or passive house concept 16 kWh/m²/year
- Applied materials are recyclable

QUESTION 05: Some photos or illustrations of "classical" houses in Czech Republic

HISTORY (ROOTS):



break of 19 and 20th century



break of 19 and 20th century





the 1960's (socialist production)



present architecture

- Catalogue house

present architecture
- Individual house



THANK YOU FOR YOUR ATTENTION

fire.fsv.cvut.cz/affordable_houses

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