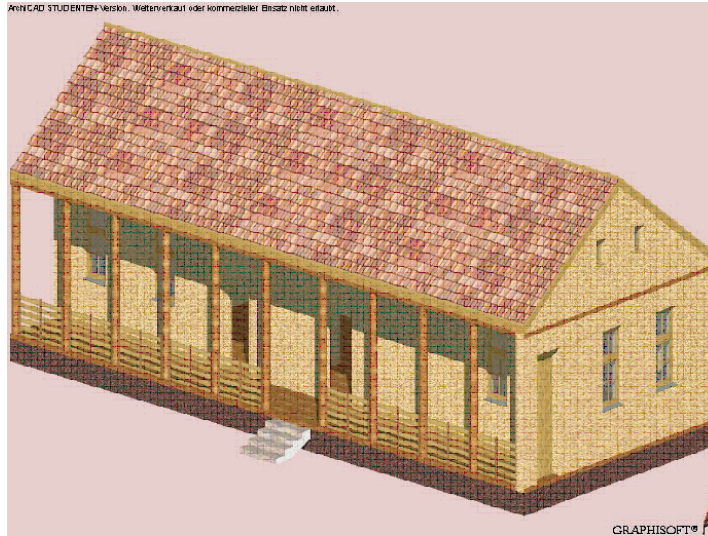


# GEM Building Taxonomy Report

## Swabian house Maria Bostenaru



### Taxonomy string:

DX /MUR+CLBRS+MOL /LWAL /DY /MUR+CLBRS+MOL /LWAL /YAPP:1900 /HEX:1+HBEX:1+HFAPP:3,6m+HD:0 /RES+RES1 /BPD /PLFR /IRRE /EWMA /RSH2+RMT1+RWO+RWO2 /FW+FW3 /

### Material type (direction 1):

Masonry, unreinforced

### Material properties (direction 1):

Lime mortar

### Lateral load-resisting system (direction 1):

Wall

### Material type (direction 2):

Masonry, unreinforced

### Material properties (direction 2):

Lime mortar

### Lateral load-resisting system (direction 2):

Wall

### Foundations:

Unknown foundation system

### Type of Irregularity:

Regular structure

### Plan structural irregularity - primary:

### Plan structural irregularity - secondary:

### Roof shape:

Pitched with gable ends

### Roof system material:

Wood

### Roof connections:

Roof-wall diaphragm connection unknown

### Floor system material:

Wood

### Floor connections:

Floor-wall diaphragm connection, unknown

### Exterior walls material:

Masonry

### Date of construction:

Approximate date of construction or retrofit 1900

### Number of storeys above the ground:

Exact number of storeys 1

### Height of the grade above ground floor:

Approximate grade height 3,6m

### Occupancy type - general:

Residential

### Country:

Hungary

### Observations:

### Material technology (direction 1):

Fired clay solid bricks

### Material technology (additional, direction 1):

### System ductility (direction 1):

Ductility unknown

### Material technology (direction 2):

Fired clay solid bricks

### Material technology (additional, direction 2):

### System ductility (direction 2):

Ductility unknown

### Plan shape:

Rectangular, solid

### Building position within a block:

Detached building

### Vertical structural irregularity - primary:

### Vertical structural irregularity - secondary:

### Roof covering:

Tile (clay, concrete)

### Roof system type:

Wooden roof structure supporting a heavy flat or domed roof

### Floor system type:

Wood-based sheets on joists or beams

### Number of storeys below the ground:

Exact number of storeys 1

### Slope of the ground (for buildings on slopes):

Slope of the ground 0

### Occupancy type - detail:

Single dwelling

### Region:

Europe

This is a rural type of popular housing practiced by the German (Swabian) colonists in the Austro-Hungarian Empire of the time. The villages founded by them were located in three different regions of moderate seismicity, encompassing Romania, Serbia and Hungary.