



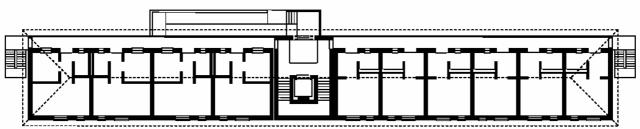
Type of Project:	Housing – DuSoCC Durable Solutions for Collective Centre Residents	Country:	BiH – Bosnia-Herzegovina
Approach:	Social Housing	Realisation - Year:	2004/2005
Project Name:	Zenica (Crkvice) : Elderly People's Flats Block – Stambeni blok za penzionere u Crkvicama	Version: 3	Date: 06 December 2005

Zenica - Residential Block : Social Flats for Elderly

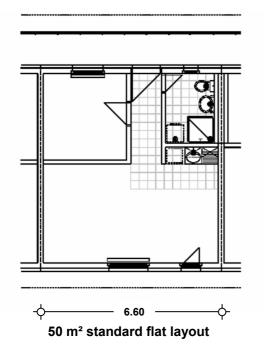




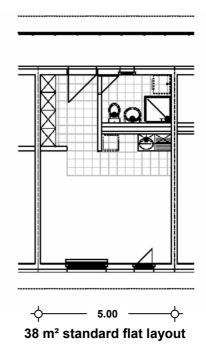




floor plan 63.50 m x 9.00 m















### Context - Situation in BiH in general - Collective centre situation in Zenica

Ten years after the war ended, Bosnia-Herzegovina remains confronted with the problem of displaced persons (DPs). While the pace of returns has increased in recent years, many DPs continue to reside in Collective Centres (CCs) where they await durable solutions of their housing problems. These CCs provide, for the most part, only the most basic accommodation. Many are converted facilities such as former school-houses, closed hotels, barracks or housing containers.

A disproportionately high percentage of the collective centre caseload in Zenica were elderly people, couples or single persons, without family support. Another group of especially vulnerable individuals were female headed families, some of them residing in Zenica CCs as well. Most of these vulnerable CC residents were living in very poor conditions for years. Their prospects for a reintegration into a normal life were deteriorating day by day due to the long-term stay in CC and their precarious personal situation. They had no real chances for a successful return to their place of origin. A local integration was indicated.

## Housing, the main objective of the DuSoCC Programme

The main objective of the "Durable Solutions for Collective Centre Residents" (DuSoCC) programme, a SHA secondment at UNHCR Sarajevo is to provide durable housing solutions for CC residents: creation of decent accommodation by reconstruction or rehabilitation of destroyed or damaged private houses (mostly in rural area) and social apartments (in urban area).

## Approach – Social housing: Residential block – 30 social flats for elderly collective centre residents

Construction of a three-storey residential block; 30 small flats (18 one-room flats at 38 m<sup>2</sup> & 12 two-rooms flats at 50 m<sup>2</sup>) at public owned building land situated in downtown Zenica.

#### Preconditions for this approach

- 1. A commitment of the municipality to make a suitable plot of developed building land available was indispensable. On the occasion of a meeting with the mayor of Zenica Zakir Pašalić and the minister for social affairs and displaced persons of the Zenica-Doboj canton Alija Gogić held on 27 June 2001 we learnt that the local authorities have been willing and able to contribute to a solution of the problem. The municipality agreed to make a plot of developed building land available in exchange for 20% of the planned social flats (i.e. 6 of 30 flats) for its own purpose.
- 2. An intergovernmental agreement had to be signed between Switzerland and Bosnia-Herzegovina, stipulating the BiH authorities' commitment to finance all running costs, their commitment to keep the institution in operation and a guarantee of free access for everybody regardless of his ethnical or religious background.

### Beneficiary selection procedure

The selection of the beneficiaries had been done in close cooperation with UNHCR and the local authorities (municipality & canton).

Beneficiary selection criteria						
One of the following criteria has to be met –	All the following criteria have to be met –					
The beneficiary has to be:	The beneficiary has to be:					
elderly	collective centre resident					
<ul> <li>single without family support</li> </ul>	<ul> <li>without major financial means</li> </ul>					
	<ul> <li>without major regular support</li> </ul>					
	<ul> <li>without support for housing from third parties</li> </ul>					

#### Implementation - Partners

Implementation schedule:

- General Construction Contract signed on 28 May 2004
- Handing-over on 21 February 2005

Direct implementation by DuSoCC programme management without implementing partner

- Project:
  - DuSoCC Head Office Sarajevo (René Edward Knupfer)
- Detailed project & site supervision:
  - "FORMA" d.o.o. Zenica, projektovanje, inženjering i trgovina
  - BiH-72000 Zenica FBiH. Ušće 6
  - direktor Sabina Hodžić d.i.a.
- Contractor:
  - "GEOSONDA" d.o.o. Zenica, preduzeće za geološke i specijalne građevinske radove BiH-72000 Zenica FBiH, Masarykova 66a
  - direktor Boris Pejčinović, dipl.ing. / project manager Nevenka Vidaković

Furniture for all 30 flats (complete set comprising bed with mattress, table, 2 chairs, cupboard, shelf) - brand new 1st class quality furniture from local production donated by:

Flüchtlingshilfe Langen Zenica – Pomoć izbjeglicama Langen u suradnji sa : pax christi <u>fhl-ze@bih.net.ba</u> Georg Schiel, project coordinator

## Goal/Results - Target groups

Goal: Durable Solution for Zenica CC residents – Local integration of elderly & other vulnerable persons –

- Reduction of the collective centre population
- Support to vulnerable elderly people

The project targeted 45 - 55 elderly, mostly single persons residing in Zenica collective centres unable to return to their place of origin. They had to be able to live without custody and requested for local integration.

#### **Funding**

The "Elderly People's Flats Block" in Zenica was an exclusively Swiss funded project, complementary to the DuSoCC programme 1999-2004, implemented by SHA Secondment at UNHCR Sarajevo.

Total costs BAM 837'240 (= EUR 428'074 – UN operational rate of exchange effective 1 February 2005), funded by Federal Office for Migration FOM (Switzerland).

## **Relevant figures**

block : areas, volumes & costs Zenica - stambeni blok za penzionere u Crkvicama							
level		surface area A [m²]	height h [m <sup>1</sup> ]	volume Vol [m³]			
roof	∠ α = 22.5°	9.00 x 4.50 x 2 (63.50 - 4.50 - 4.50) x 9.00 63.50 x 9.00	81.00 490.50 571.50	1.86 / 3 0.62 1.86 / 2 0.93 0.30	456.17	677.84	
3rd floor 2nd floor 1st floor	(without access balconies) (without access balconies) (without access balconies)	(63.50 x 9.00) - (26.45 x 1.40) - (30.05 x 1.40) (63.50 x 9.00) - (26.45 x 1.40) - (30.05 x 1.40) (63.50 x 9.00) - (26.45 x 1.40) - (30.05 x 1.40)	492.40 492.40 492.40	2.80		1'378.72 1'378.72 1'378.72	
basement total volume	of the block [m³]	63.50 x 9.00	571.50	3.10		1'771.65 6'585.65	
	total space in the block : basement & 1st+2nd+3rd floor, without roof space [m²] 2'048.70  total height of the block [m¹] 13.66						
costs total	total 19621 = EUR 0.765	BAM => EUR	837'240 428'074				
costs per m³ as on 21 February 2005 (date of last payment) per m³ B => UN operational rate of exchange effective 01-Feb-2005 : BAM 1.49621 = EUR 0.765 => E							

flats : space & costs Zenica - stambeni blok za penzionere u Crkvicam									Crkvicama				
flat number of flats			floorspace per flat		total floorspace flats		costs per						
type	per floor		floors		total	m²	m²		m²	m²	m²	m²	housing unit
	#		#		#	gross	net	= % of gross	gross	net	(flat) gross		, , ,
											EUR	EUR	EUR
50 m <sup>2</sup>	4	х	3	=	12	50.16	40.53	= 80.8 %	601.92	486.36	333	414	16'698
38 m <sup>2</sup>	6	х	3	=	18	38.00	30.41	= 80.0 %	684.00	547.38	333	414	12'650
total	10	х	3	=	30				1'285.92	1'033.74	block cost	s total EUR	428'074

#### **Problems - Constraints**

An unexpected technical problem occurred at the very beginning of the implementation phase: during the excavation works we detected a huge layer of old construction waste. Consequence of which were substantial additional costs for excavation and foundation works.

## **Lessons learnt**

- What was useful in the approach?
   The direct implementation by DuSoCC programme management without implementing partner.
- What should be done differently next time?
   Nothing we're very satisfied with the result we achieved in Zenica-Crkvice.

## **Evaluation**

Joint Evaluation-SHA/UNHCR of DuSoCC programme to BiH, 21 - 30 April 2002 Heinrich Gloor, Consultant, SHA/SDC, Berne & Melesse Tegegne, EESS/DOS, Geneva EESS Mission Report 02/09

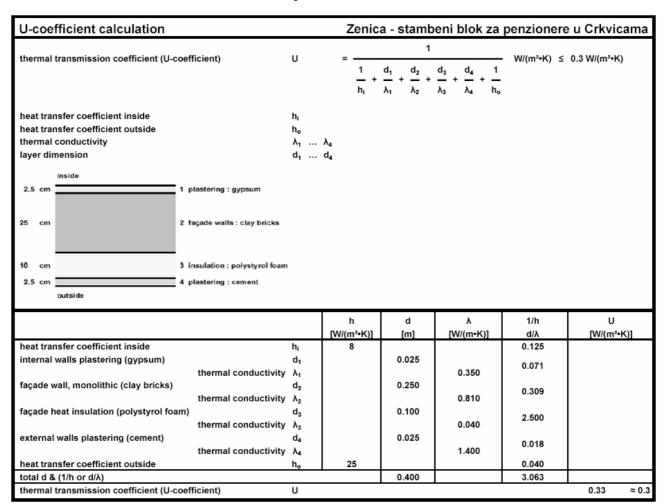
### For further information

Recommended contacts:	René Edward Knupfer, SHA Secondee at UNHCR Vladikavkaz				
Recommended institutions:	SHA Berne, Specialised Group for Construction (Heinrich Gloor)				
Recommended books/reports:	DuSoCC Briefing Kit (CD, 31 December 2004 release)				
Relevant other projects (links):	similar SDC-HA/SHA projects in Serbia-Montenegro				

#### Annex:

- Façade insulation U-coefficient calculation see page: 5
- Project preparation & implementation procedures flowchart see pages: 6/7

# Façade insulation



## Zenica stambeni blok za penzionere project preparation & implementation procedures flowchart

BEGIN: Zenica stambeni blok za penzionere project

