

Report of the activity of ADRA Hungary on the EQ hit area in Croatia between 9th and 11th of March 2021

Strong earthquake hit Sisak-Moslavina County in central Croatia on December 28th (5,2 magnitude) and December 29th (6,4 magnitude), 2020. The epicenter of the earthquake is close to town of Petrinja which is 46 km from Zagreb, but the quake was felt throughout Croatia and in most neighbouring European countries. The epicenter of the earthquake was in 10km depth underneath the surface. 7 deaths and minimum 26 people injured and around 63954 people affected.



The material damage is huge and many people have been evacuated, including patients from local hospitals. All this made a complex situation with Corona-19 virus, even worse since many people were forced out on a street even though everybody is advised to stay at home due to the pandemic situation.



In the beginning there was no utility service and the ruins on the streets, the potential collapse of the buildings during afterquakes meant further danger for the residents of the settlements.



Some people were able to find alternative shelter outside the affected area among friends and family, whereas others still live within the proximity of their homes, mostly motivated by maintaining their livestock. The population is generally older, where ADRA Croatia statistic for the rural area points to 43% being older than 60 years old. Many schools are still not open.

Considering the experience of the first mission of the S.T.A.R. (Special Tools And Reascue) team of ADRA Hungary from the field and according to constant communication with the local ADRA Office, ADRA Hungary offered help for a second mission of a squad of experts for partly or fully reconstruct of roofs.

ADRA Hungary deployed the following members of ADRA S.T.A.R. (Special Tools And Rescue) squad:
Győző József Dudás – volunteer, carpenter;
József Kis - volunteer, carpenter;
Béla Barabás – volunteer, iron structure constructor;
Zoltan Sitkei – staff of ADRA Hungary, alpine technician.

The squad arrived to the affected area on 9th of March 2021 with 4WD vehicle and equipment needed and applied for service at the field office of ADRA Croatia in Martinovići.

After briefing the S.T.A.R. Squad started the work on the field. Staff of 2 from ADRA Croatia accompanied the Squad and led them to the right places and maintained materials for the reconstructions. They also helped the works and the administration.

In the following days the S.T.A.R. team made 10 works on different places: wooden structures repairment, changing and replacing tiles, reconstruction of chimneys.



To find the locations of the buildings was very easy, because the local coordination had more detailed information as during the previous mission: gps coordinates, map locations made ease to approach the different places. In addition the information about the materials and reconstructional works needed was also more accurate. The materials for the works were easily available locally: these were provided partly the owners and the local ADRA Office.

The accomodation for the S.T.A.R. team was provided by ADRA Croatia, which this time located only 10 Kms far form the affected area, so the approach of the local office and the different places was so easy.

Costs:

Cost	Amount
Food	26.7 EUR
Insurance	13.2 EUR
Fuel	62.2 EUR
Motorway toll	17.1 EUR
Total	119.2 EUR

Medialinks:

<https://www.facebook.com/adra.alapitvany>

<https://www.instagram.com/adra.alapitvany/>

Lessons learnt:

The more effective work of the second ADRA S.T.A.R. squad served the data analyser software of ADRA Croatia and the realization of the suggestions written in the previous report about the first mission if ADRA S.T.A.R.

In the minor of the works the Squad done we found technical problems (like leaking roofs etc.) had not been connected tot he earthquake, but the were the results of lack of maintenance. During the collecting and analysing data it is offered to separate the EQ caused constructional problems from others and in case if capacity to cover all, but first the direct consequences of the disaster.

It is offered to set up a small team to cover the minor reconstructional works where there is no need of special knowledge/experience/tools (the forming of this team has started when ADRA S.T.A.R. team finished it's second mission).

16th of March 2021



Zoltan Sitkei
project coordinator