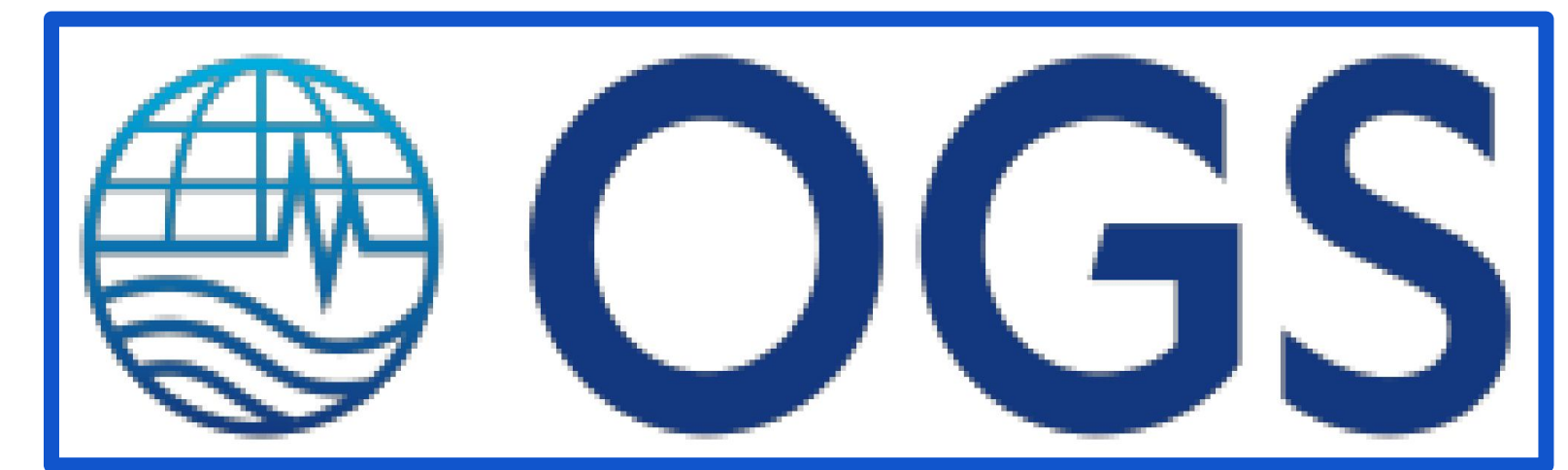


# The CEDAS (Building CEnsus for seismic Damage Assessment) project: citizen science to increase risk awareness



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**OBJECTIVE: raise citizens' risk-related knowledge and awareness AND collect information on building typologies in seismic-prone areas through citizen science**

## Why?

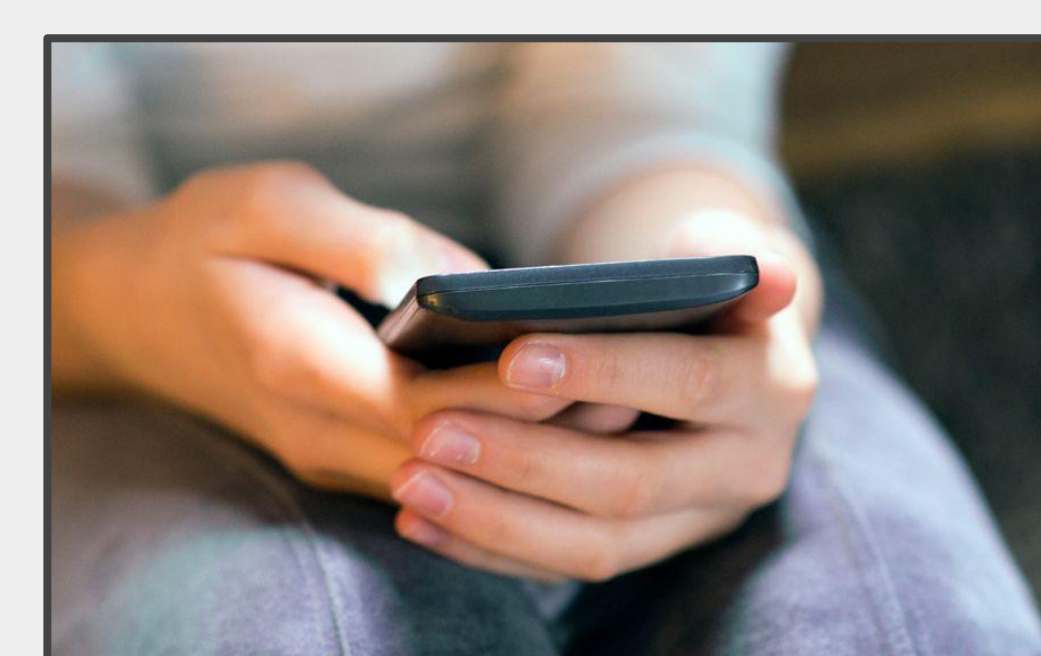
Improve seismic risk assessment with up-to-date information

Raise knowledge of risk-related information among citizens

Use citizen science approaches in a flexible way, in presence and remotely



and circumvent mobility reduction

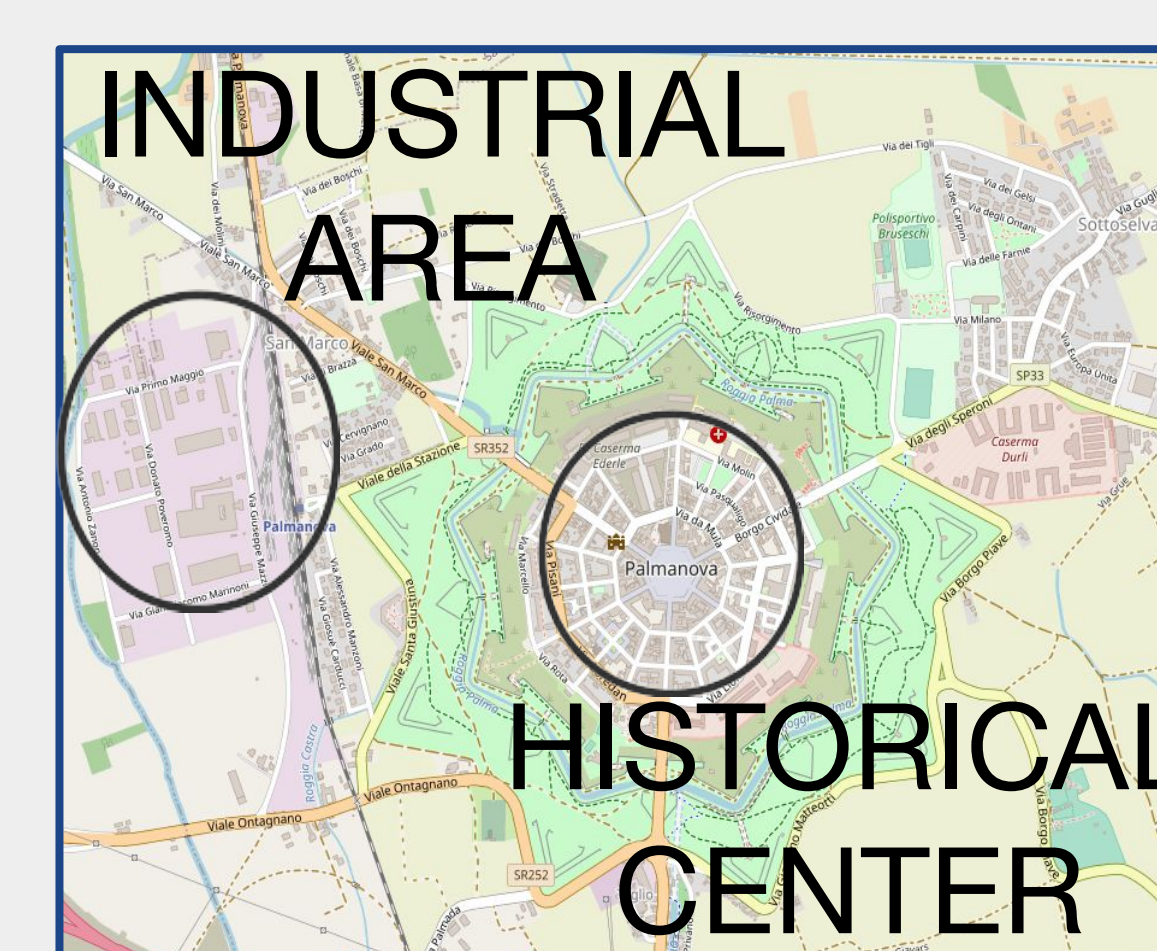
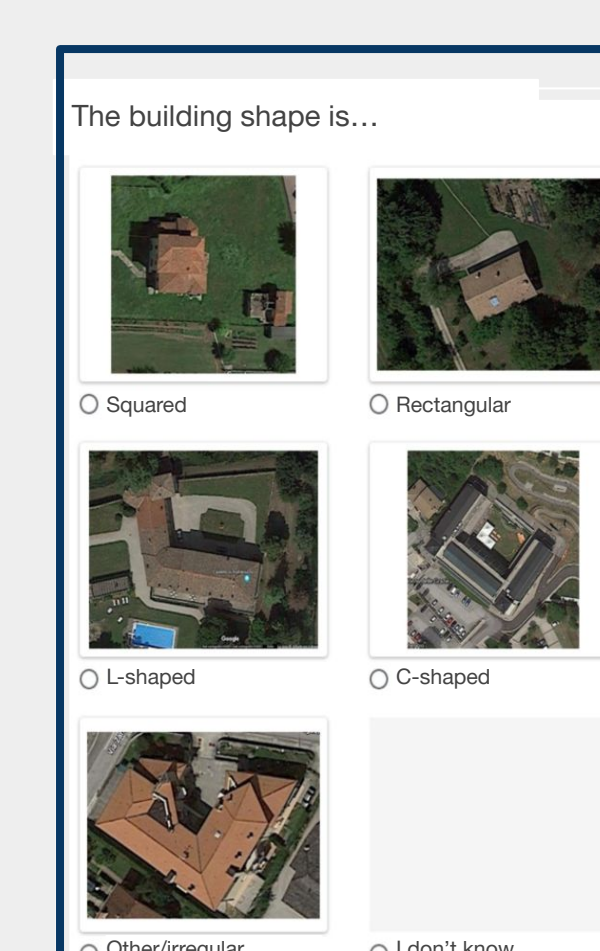


## How?

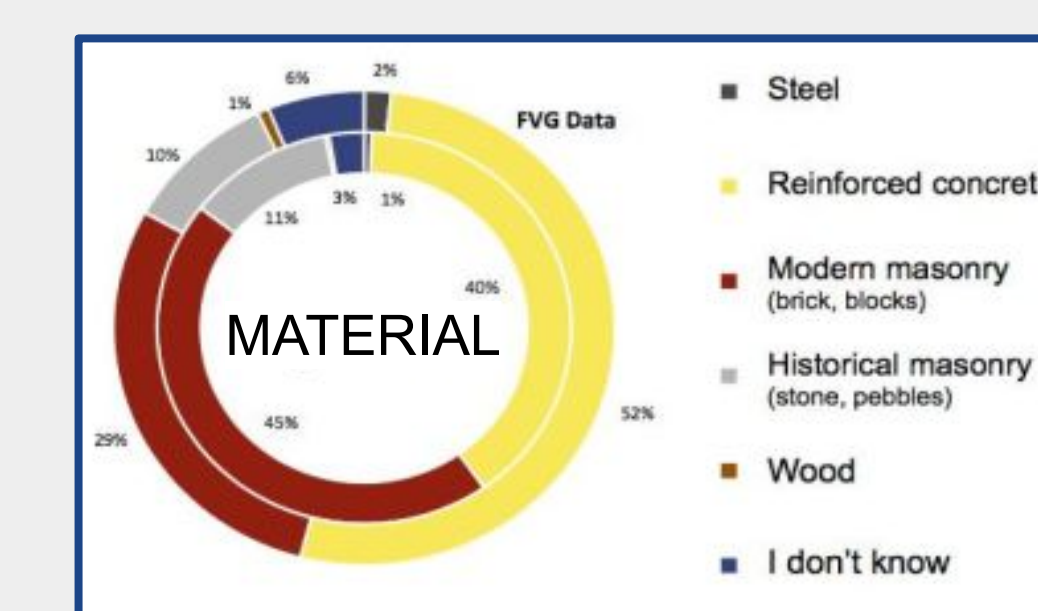
Using an online questionnaire  
Try it for building A B or C!



Training based on images and maps

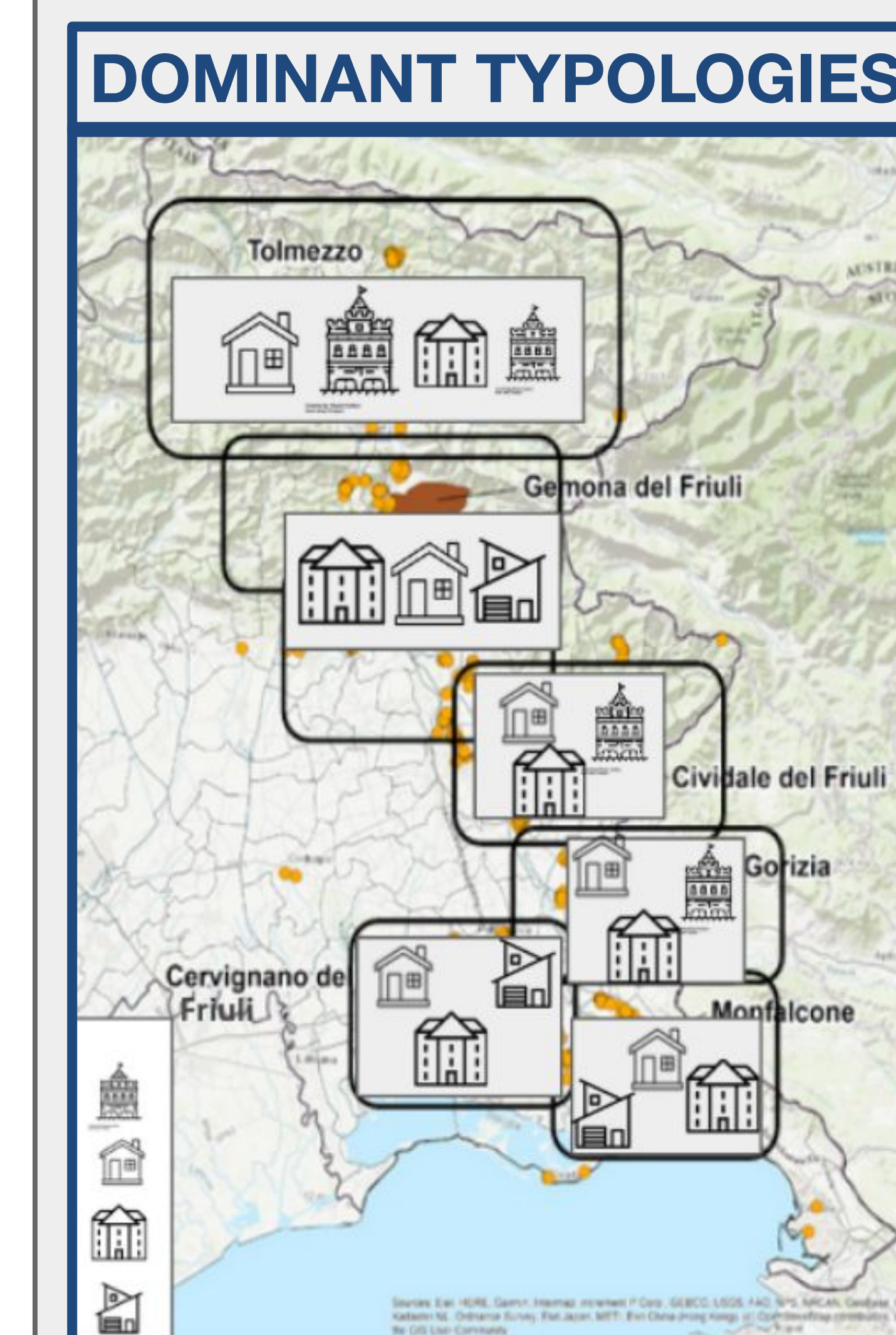


... and statistics



## Results

Up-to-date exposure dataset  
Citizens' engagement and awareness



RESULTS	LESSONS LEARNED
EXPOSURE DATASET	GRASPS LOCAL/EMERGING TYPOLOGIES
TRAINING PROCESS	MAPS, IMAGES AND LOCAL CONTEXT
CITIZENS' ENGAGEMENT	PRACTICAL ACTIVITIES AND TEAM WORKING
RAISED RISK AWARENESS	LOCAL CONTEXT (PREVIOUS EVENTS)

**CURRENT/FUTURE WORK: export CEDAS to other areas at risk worldwide and extend to multiple risks (including cascading and emerging). Establish a network of local institutions and adapting training material.**

**Are you interested? Contact us at [cscaini@ogs.it](mailto:cscaini@ogs.it)!**

**Read our paper here:**



**References:** Scaini, C., Peresan, A., Tamaro, A., Poggi, V., Barnaba, C. (2022). Can high-school students contribute to seismic risk mitigation? Lessons learned from the development of a crowd-sourced exposure database, *International Journal of Disaster Risk Reduction* 69 (2022), 102755, <https://doi.org/10.1016/j.ijdrr.2021.102755>.

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