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FINAL CONFERENCE

BELICE PROJECT

BUILDING EXPERIENCE TO LEAD INITIAL
ASSESSMENT IN CHALLENGING EMERGENCY



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ASR1-Presentation of the manual

WIDE AREA ASSESSMENT PROCESS WAAP

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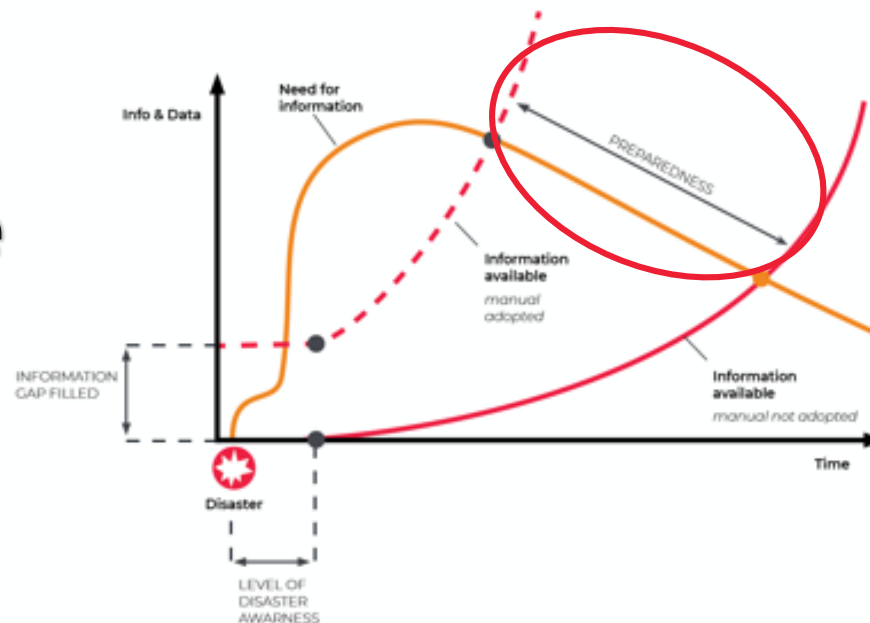
VALABRE
ANTICIPER VOTRE PRÉSENT



THE MOTIVATION FOR THE MANUAL

The motivation for the construction of the manual has been since the beginning of the project to offer risk managers and decision-makers a range of tools that will enable them to propose and organise a response to large-scale events over large areas without wasting time!

Time is the most impactful variable for the survival of victims!

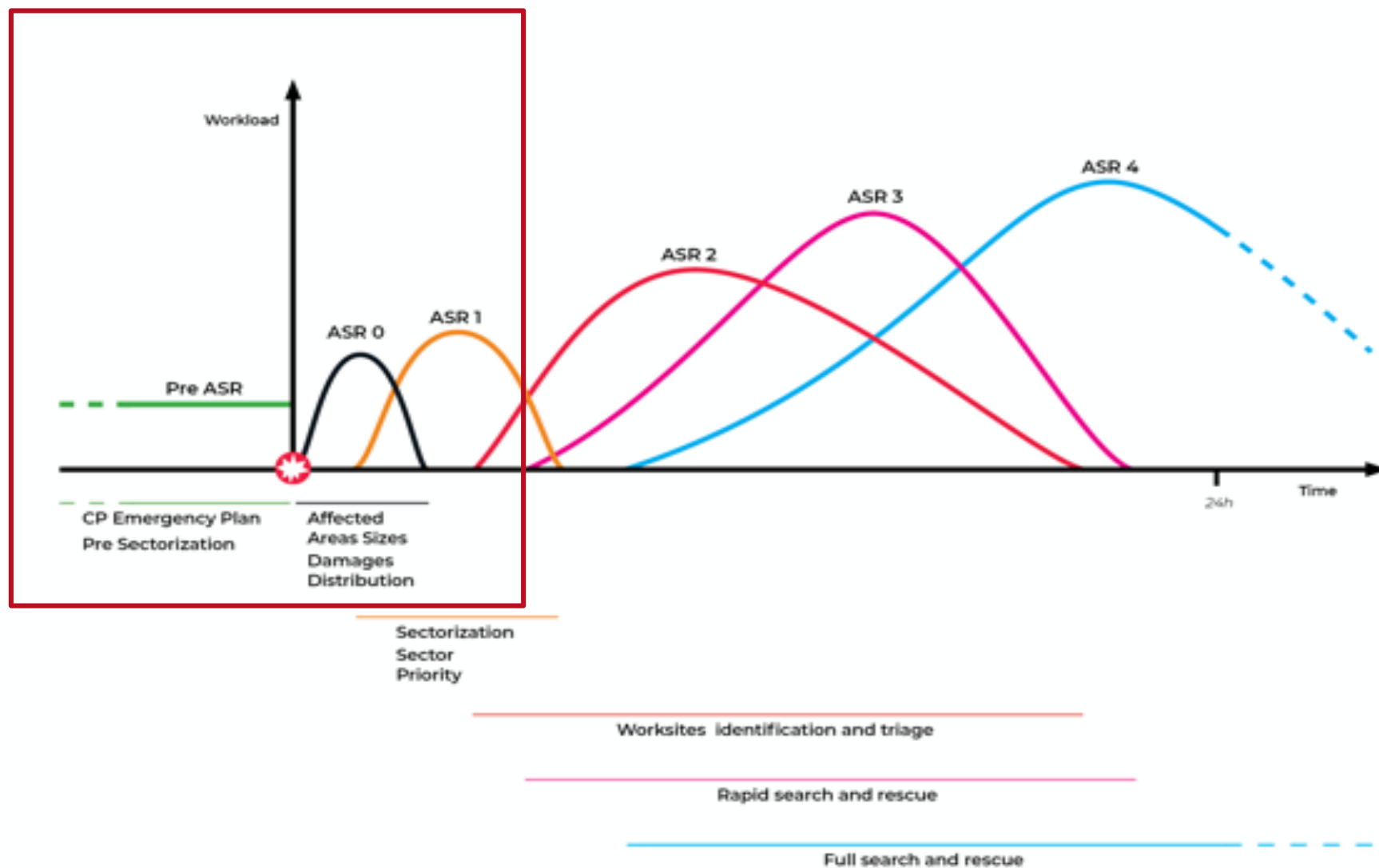


WHAT THIS MANUAL DOES:

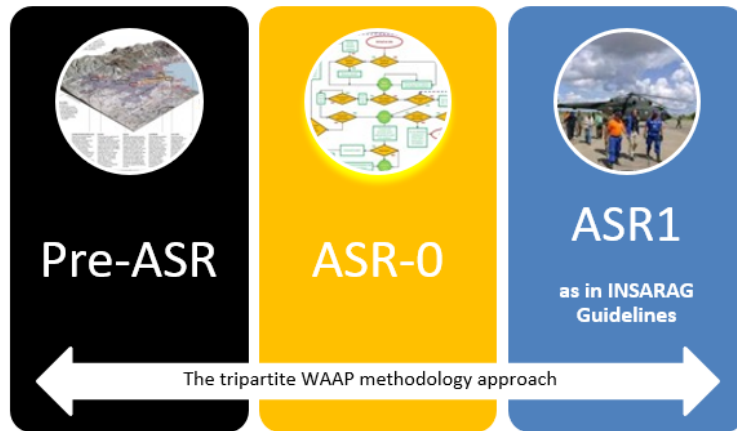
The INSARAG guidelines are excellent tools to help organise an international USAR operation. However, the phases described in these guidelines do not provide any guidance to local authorities on the initial deployment and implementation of a Wide Area Assessment (WAA) and ASR1.

By accessing the manual, you will be able to prepare your territory for a response to major events and benefit from the efficiency of the emergency services from the first deployment. The tools provided :

- Pre-sectorisation (preASR)
- Wide Area Assessment Process (WAAP)
- First large sectorisation confirmed (ASR0)



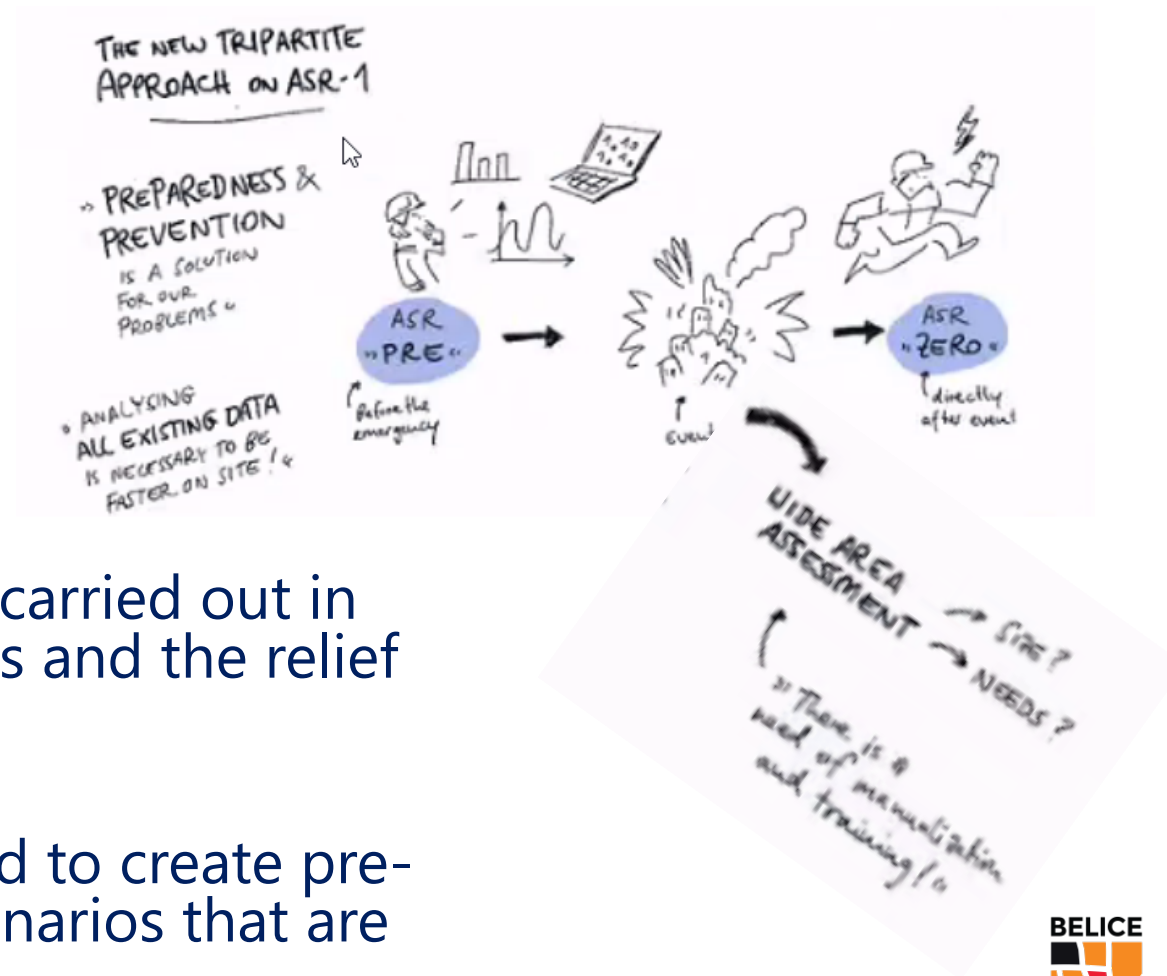
THE STEPS IN THE MANUAL



1 * Pre-sectorisation (PreASR)

Phase of preparation of the territory carried out in consultation with the local authorities and the relief actors.

Objectives: to gather the data needed to create pre-deployment sectors according to scenarios that are consistent in time and space.

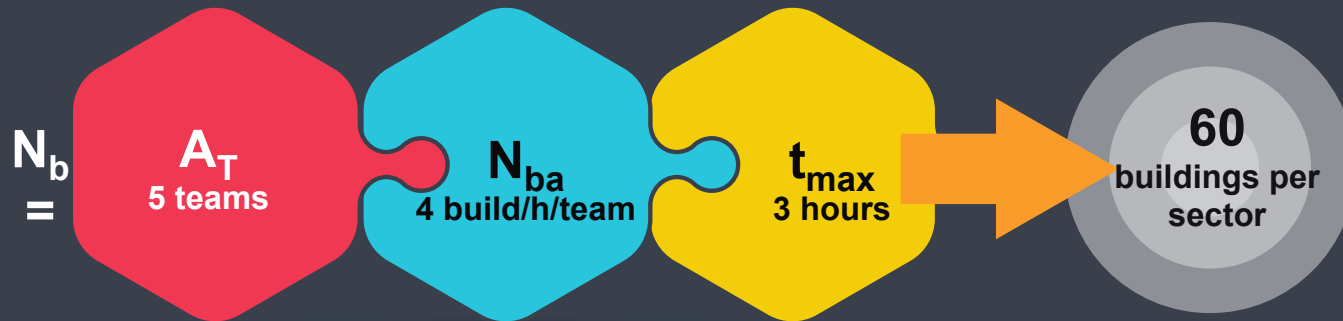






2 * WIDE AREA ASSESSMENT PROCESS

SECTOR SIZING - N_b



Assessment teams

The area to assess will be divided in sectors, in each of them can work up to 7 assessment teams " A_T ".

$A_T = 5$ teams is an excellent compromise.

n. of buildings assessed per hour

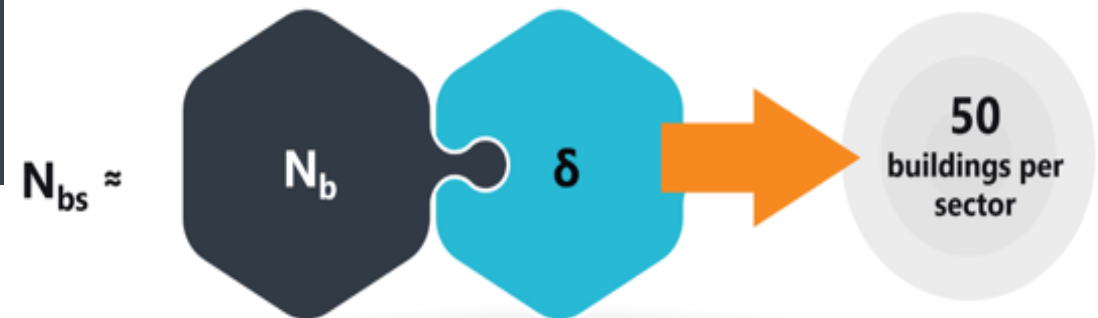
each team could complete the building's assessment in a threshold time value like **15 minutes**, then the number of buildings assessed for each hour is 4, so $n_{ba} = 4$ buildings/hour/team.

time to assess the assigned sector

The ASR1 assessment must be performed as shorter as possible and in a maximum time of **6 hours**. Experience indicates that ASR2 should be completed in maximum 3 hours so $t_{max} = 3$ hours

A manageable area? What size what criteria?

SECTOR SIZING - N_{bs}



total no. of buildings

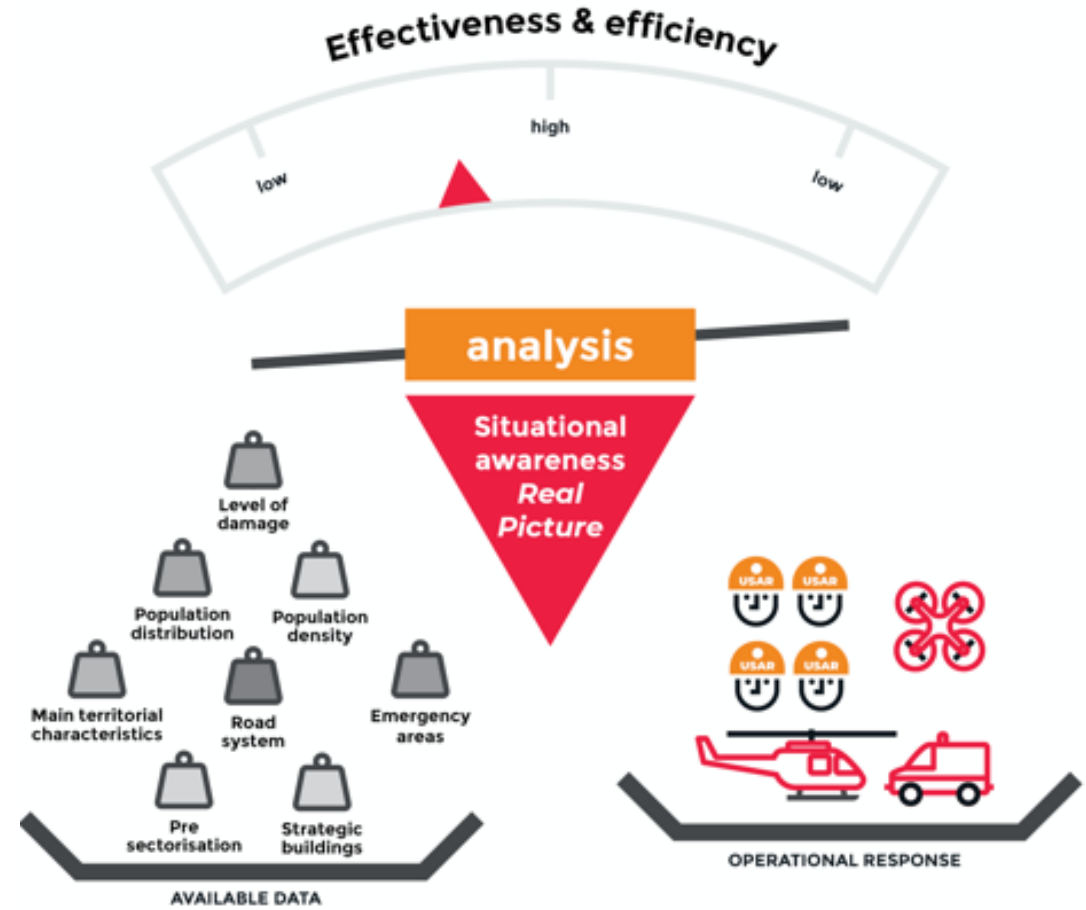
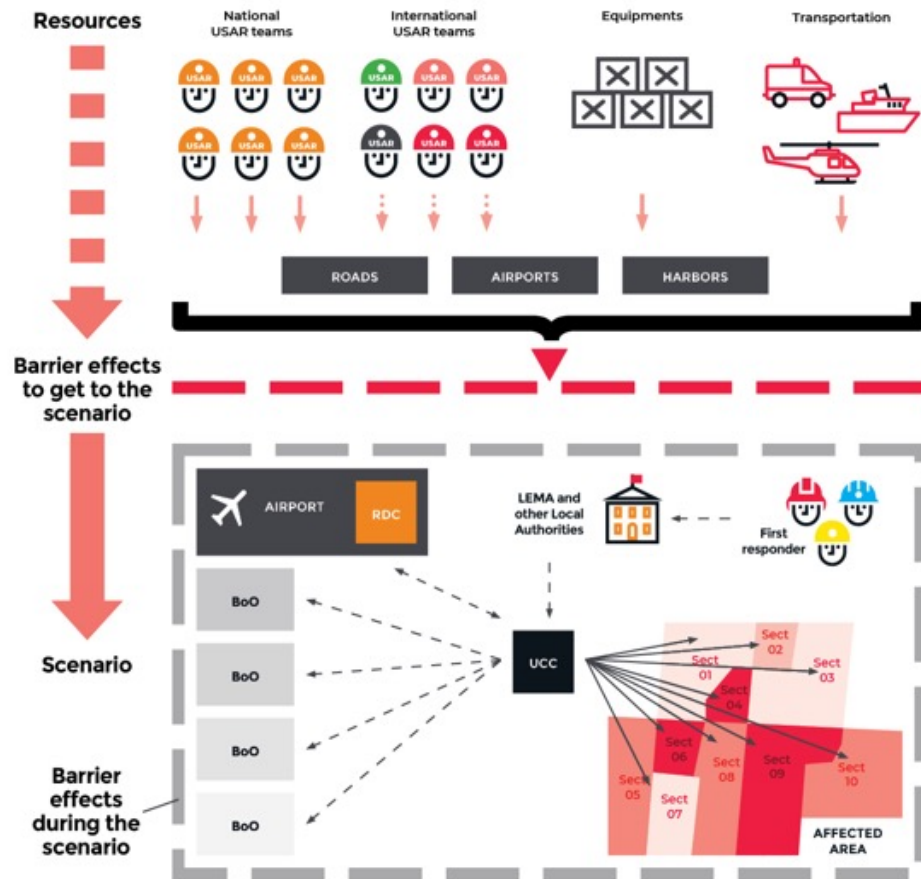
calculated as the previous formula

δ coefficient

buildings' characteristics as their construction's parameters, age, type and their population density (high-occupancy, high/low-rise buildings) and viability. Factors that can be very variable and highly dependent on the site affected by the crisis.

" δ " coefficient deducts **20%** of the previous formula to consider these aspects.

Rescue Management



3 * ASR 1 phase : how to do it ? What are the deliverables ?

ASR 1 is under responsibility of local authority and it's time to prioritize !

Thank you

Special BIG thanks to the so experienced team of the project !!

- Italian firefighters
- THW
- International experts of the advisory board