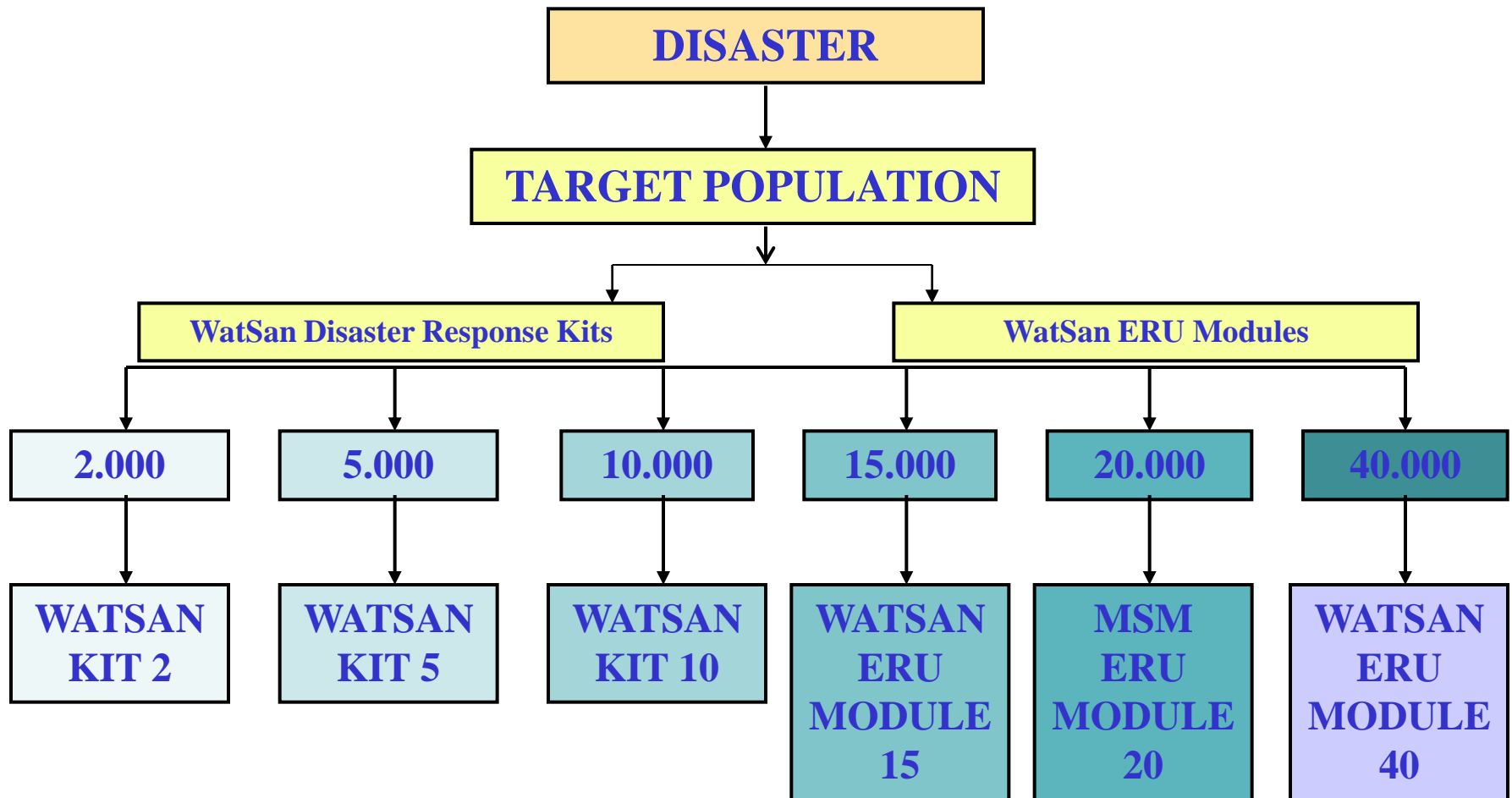




# Meeting Water, Sanitation and Hygiene Needs in Emergencies





# Mass Sanitation Module 20

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- Provide an integrated response to **hygiene and sanitation challenges** in emergencies based on the use of rapid and effective sanitation technology and hygiene promotion.
- The module has a core capacity to provide services to **20 000 people**.



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# Rapid Latrine

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# Project Constraints

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- **Simple to assemble** : It should be possible to assemble without particular knowledge.
- **Rapid** : It should be possible for one or two people to assemble 25 to 30 latrines rapidly.
- **Light** : Transport by normal flight !!!
- **Material** : No use of metal parts. They can be used as weapon!!!
- **Transport** : Has to be transported by one EU pallet (1200 x 800).
- **Self-supporting** : No local materials necessary to mount the latrines.
- **Defecation habits** : Integration of different defecation habits.
- **Shower** : Integration of a shower (optional)



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# Commercially Available



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# Butyl Products







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**Stacked**





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# Even Products











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# AirCell





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**Pour flush**





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**Shower slab**



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# National Societies



# German Red Cross











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# Spanish Red Cross













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# Miscellaneous





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# Echon (MSM China 2008)





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# Haiti Earthquake

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# Hygiene Promotion Box





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