

MUCH
MORE
WATER

EWK

Emergency Water Kit

- Crest AB designs a suggestion turning such 20 footers into ready-packed water tank systems. The EWK is born.
- Folded Combos are combined with standing. Folded for maximum storing efficiency, standing for the holding of liners, taps and other equipment.
- EWK contents, pending accessories, range from 30 to 41 Combo tanks.



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Basic structure

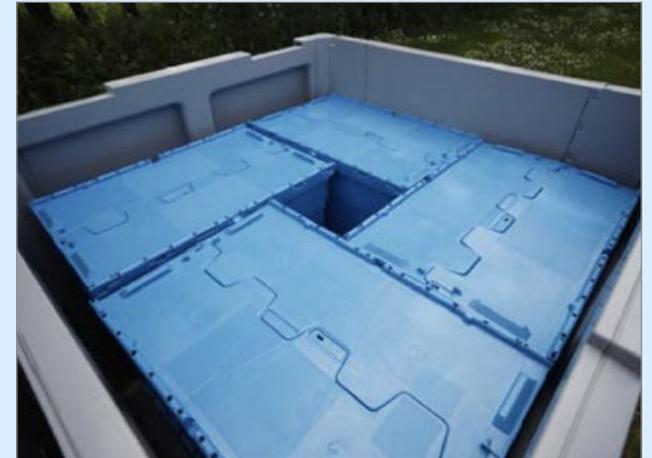
- The modular design of the Combo boxes is optimized for container international transport



Emergency Water kit

Basic structure

- The construction of the Combo boxes allow for multiple uses



Emergency Water kit

Basic structure

- Due to country size and geography, climate factors must be considered; electrical heating mats, insulated covers etc. are needed.



Emergency Water Kit

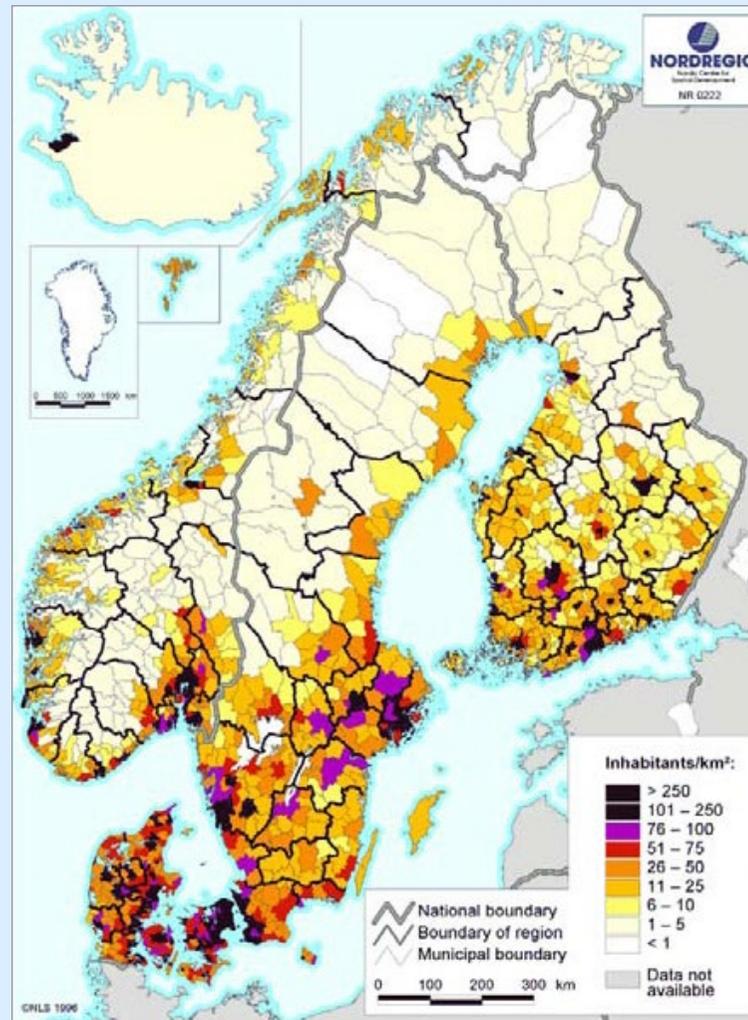
New developments, possible to integrate

- New filling equipment
- Reverse osmosis purification units



Emergency Water Kit

- From 2008, on 6 strategic locations, chosen mainly from demographic parameters, storages have been established, accessible 24h/day.
- Dispatch from storage center within 1 hour.
- Together they hold 27 EWK 20 foot units.



Emergency Water Kit

Major advantages with EWKs are:

- Safe storing of materials
- Rapid emergency collection
- Content will always fit together
- Content will always be complete
- On key locations, close to 2000 water works professionals, emergency services operators and many local volunteers have been trained in the handling of Combos and EWKs.



Emergency Water Kit

On mission

A typical EWK mission:

- Heavy rains causing land slides and water mains breaks in the Swedish city called Örnsköldsvik autumn 2008.



Emergency Water Kit

On mission

- After clearance from the VAKA group, three EWK20 were collected on one large truck from the nearest storage center and taken to the local water work.
- The usage is free to the community – except that spent, lost or destroyed materials must be replaced.



Emergency Water Kit

On mission

- The 20 foot EWK was lifted from its flatbed and Combos were taken out.
- Combos were placed on the empty flatbeds and re-filled.
- Combos delivered to hospitals, schools, nursing homes, etc.
- Combos brought to central places in the city and to residents in suburban areas



Emergency Water Kit

On mission

- In the short term (a few days) emergency situation, healthy people can survive on 3 liters of fresh water for food and drinking.
- The situation is, of course, different for people with illness or special needs.
- One EWK – 41 Combos size, on one fill per day will provide emergency water distribution to 10-13.000 people.
- All National Food Administration EWKs together, 250-300.000.

The National Food Administration is the first Government Food Administration in Europe that, through its group VAKA, has adopted responsibility for assisting, training and supporting local communities and water works in emergency preparations.

To the best of our knowledge the EWK is the first integrated water tanks system of its kind.

Discussions, studies and evaluation of this project is on-going in several (currently 6) European countries.

