

## PARTNERS

Het Nederlandse  **Rode Kruis**



NLRC The Netherlands Red Cross  
<http://www.rodekruis.nl>

NRC Norwegian Refugee Council  
<http://www.nrc.no>

MSF Médecins sans frontières  
Operational centre Amsterdam  
<http://www.artsenzondergrenzen.nl>

SRU Shelter Research Unit  
<http://www.croix-rouge.lu>

VUB Vrije universiteit Brussel  
<http://www.vub.ac.be>

CENTEXBEL  
<http://www.centexbel.be>

TU/e Technische universiteit Eindhoven  
<http://www.tue.nl>

POLIMI Politecnico di Milano  
<http://www.polimi.it>

DE MOBIELE FABRIEK B.V.  
<http://www.demobilefabriek.nl>

D'APPOLONIA SPA  
<http://www.dappolonia.it>

SIOEN Industries NV  
<http://www.sioen.be>

IBBK Internationales Biogas und Bioenergie  
Kompetenzzentrum  
<http://www.biogas-zentrum.de>

Stichting PRACTICA  
<http://www.practica.org>

Stichting WASTE  
<http://www.waste.nl>

MILSON BV  
<http://www.millson.com>

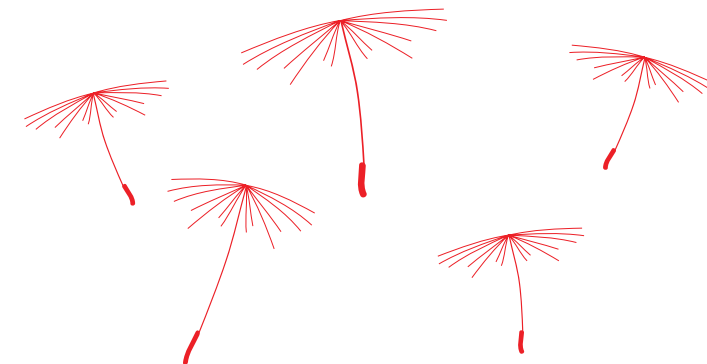
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# SPEEDKITS!

rapid deployable kits  
as seeds for self-recovery





# CHALLENGE



Most humanitarian organisations have response capacity on stand-by to meet the needs of people hit by disaster. The Red Cross has for example emergency response units (ERU). Each ERU has a specific function, e.g. medical care, sanitation, energy provision, or water supply.

S(P)EEDKITS aims at *speeding* up the emergency response and at providing the *seeds* for future development.

# APPROACH

Current equipment solutions will be scanned and bottlenecks with respect to large volumes and/or heavy weight will be identified. Then, novel materials and concepts will be developed to drastically reduce the transportation volume and weight.

Settlement kit modules will be designed for debris recuperation and re-use of damaged facilities.



# OUTCOME

The S(P)EEDKITS project will provide kits that can be pre-positioned and mobilized very quickly and easily. The kits will be modular and adaptable, low cost, high-tech in conception but user-friendly. These anticipated kits can literally improve the lives of millions of people during the crucial first hours, days and weeks after a major disaster, and will help speed up the longer term recovery.



# GOAL



S(P)EEDKITS will (re-)design emergency response kits through smart packaging and the introduction of new technological applications. We will source from a wide range of domains like coated textiles, information technology, material developments, tensile structures, mobile modules and debris transformation.

