

# EWB•DK ▶ Rapid Response Roster

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## Rapid Response Roster

Engineers without Borders (EWB) Denmark is a not-for-profit humanitarian organization committed to assisting disaster-affected persons and communities in quickly returning to "life after survival", through **providing technical support** for life saving measures such as clean drinking water, proper sanitation, and safe housing.

Established in 2001, EWB-Denmark has over 400 members and an emergency response roster of **experienced engineers with the specialist skills and relevant overseas experience** needed to mobilize immediately in the event of a major disaster. This brochure provides an outline of the services provided, and presents selected members from the EWB-DK Rapid Response Roster.

### Basic competencies for EWB-DK Rapid Response Roster members:

- ✓ Previous work-related experience in a developing country,
- ✓ Ability to work collaboratively in a multi-cultural environment,
- ✓ A good standard of spoken and written English,
- ✓ Ability to work in other languages e.g. French, Spanish, Arabic,
- ✓ Familiarity with Sphere standards and log frame analysis,
- ✓ First aid and security training.



The EWB-DK Rapid Response Roster can mobilize engineers with practical skills and experience in the **following specialisms**:

- Telecommunications and IT
- Logistics
- Water supply and treatment
- Sanitation
- Drainage and irrigation
- Building construction
- Roads, bridge and dam construction
- Needs assessments
- Project management
- Contracts management

## How does the roster work?

Members are mobilized by EWB-DK in response to requests from Danish or international humanitarian organizations.

Most roster members are seconded from their jobs in Denmark, in line with a standing agreement with their employer.

Members can be mobilized with as little as 72 hours notice.

Assignment may vary from 1 week to several months.

Remuneration and working conditions are agreed individually with the recruiting organization.

**INGENIØRER  
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▶ **Axel Boisen**  
**Hospital Medical / X Ray Engineer**  
**Skills & experience:** Installation, refurbishment, and repair of X-Ray and General Hospital equipment and facilities. Technical assessments for OT / ICU / ENT / USG / LAB / X-ray; purchasing; project management; training and capacity building of local technicians.  
**Overseas Experience:** Kosovo, Afghanistan, Indonesia, South Sudan.



▶ **Hans Christian Krarup**  
**Civil Engineer / Management**  
**Skills & experience:** Programme management. Water supply – hydro-geological mapping, drilling, distribution, testing, treatment and storage. Appropriate technologies. Community participation, organizational development, training, and monitoring & evaluation.  
**Overseas Experience:** Angola, Indonesia, Lebanon, Liberia, Mozambique, Nigeria, Pakistan.



▶ **Erik Heyer**  
**Environmental Engineer**  
**Skills & experience:** Water supply and sanitation, health care waste management – assessment, planning, design, installation. Project management.  
**Short courses:** Watsan in Emergencies; Disaster Response Management.  
**Overseas Experience:** Myanmar (MSF), India (MSF), Greenland, Serbia, Turkey, Thailand.



▶ **Merete Kjoelholm**  
**Environmental Engineer**  
**Skills & experience:** Water and wastewater treatment. Water reuse in agriculture for irrigation. Irrigation in general. Water reuse in general. Emergency equipment, Project management, Logistics,  
**Short courses:** Red Cross Emergency Response - Relief, Red Cross Safety and Security, Red Cross Basic Training, RedR Essentials of Humanitarian Practice, Emergency Management exercises.  
**Overseas Experience:** Australia



▶ **Lidvard Ytterland**  
**Mechanical Engineer**  
**Skills & experience:** Emergency water and sanitation projects, rural construction, project management and coordination, contracts management, community development.  
**Short courses:** Red Cross Basic training; Emergency Rescue.  
**Overseas Experience:** Ethiopia, Afghanistan, Sri Lanka, Indonesia, Palestine.



▶ **Stig Allan Schmidt**  
**Building construction**  
**Skills & experience:** Specialist in timber construction, practical construction skills, rural reconstruction, community participation, site management, project planning and estimating. Conversational Nepali.  
**Overseas Experience:** Sudan, Nepal, Greenland.



▶ **Bo Brøndum Pedersen**  
**Civil Engineer / Sanitation**  
**Skills & experience:** Sanitation and drainage infrastructure, concrete structures, project management, logistics, leadership, coordination and inspection.  
**Overseas Experience:** Kosovo, Afghanistan.



▶ **Preben Byberg**  
**Marine / Maintenance Engineer**  
**Skills & experience:** Water and Electricity supply. Health care engineering and training, medical equipment repair and maintenance. Procurement, project management, coordination and inspection.  
**Overseas Experience:** Afghanistan, Albania, Ethiopia, Lesotho, Indonesia, Uganda, Tanzania, Vietnam, Zanzibar.



▶ **Gill Price**

**Programme Management / Building Construction**

**Skills & experience:** Programme Management (multi-sectoral development programmes), strategic assessment and planning, local NGO and community capacity building, managing multi-cultural teams. Management of rural reconstruction, school construction and shelter programmes, project cycle management, contracts management.

**Overseas Experience:** Gambia, Iraq, Rwanda, Zambia, Malawi, Sri Lanka, Nigeria, Kenya, Chad, Zimbabwe.



▶ **Carsten Damkjær Jensen**

**Marine engineer**

**Skills & experience:** Mechanical and electrical engineering, power and heating plants, ships, mechanical and electrical wind turbines, generators. Operations and maintenance. Project and financial management.

Short courses: RedR Essentials of Humanitarian Practice. Permaculture-design.

**Overseas Experience:** Greenland



▶ **Lars Peter Gram**

**Marine /Electrical Engineer**

**Skills & experience:** Water treatment, power distribution, heating, ventilating and air conditioning systems. Erection, renovation and commissioning of new plant / installations. Project and staff management, coordination, training, cross cultural communication.

**Overseas Experience:** Bangladesh, Nigeria, Singapore, Philippines, Korea, China.



▶ **Ivan Arnberg**

**Building Construction**

**Skills & experience:** DANIDA Technical Adviser, expert in physical planning, infrastructure design and maintenance of buildings and infrastructure. Capacity building with national and local education authorities. Building construction, site management, shelter construction, mapping and GIS. Project cycle management, coordination, and inspection. Basic fluency in Portuguese.

**Overseas Experience:** Nepal, Russia, Mozambique, Tanzania, Kenya, Nigeria.



▶ **John M. Christensen**

**Electrical / IT / Telecommunications Engineer**

**Skills & experience:** Electrical and electronic engineering installations, IT and communications technology. Security management expertise. Start up and leadership of overseas projects, staff management. Practical skills including electrics, water, drainage, bricklaying, carpentry.

**Overseas Experience:** Mexico, Bolivia, Algeria, Morocco, Libya, Egypt, Uganda, Kenya, Oman, South Africa, Israel, Yemen, India, Thailand, Singapore, China, Korea, Philippines



▶ **Karl Skovgaard Møller**

**Mechanical engineer / Mechanic**

**Skills & experience:** Emergency water and sanitation projects. Water supply installations, waste incineration, and electrification based on diesel power stations. Vehicle and workshop management. Site management, planning operations and maintenance, procurement and contract management. Staff training. Familiarity with DANIDA projects. Fluent in French, Basic Spanish.

**Overseas Experience:** 14 years overseas experience in Chad, Pakistan, Burkina Faso, Mali, Algeria, Senegal, DRC, Turkey, Maldives.



▶ **Maslir Madsen**

**Civil Engineer / Construction and building management**

**Skills & experience:** Building management and project coordination. Contracts management, planning, quality management.

**Overseas Experience:** Greenland, Jamaica



▶ **Svend Bergmann**

**Telecommunications / IT Engineer**

**Skills & experience:** Technical project manager. Leading assessment, planning, design & installation of telecommunications / IT projects. Change management, financial management, contract management expertise. Skill in leading multi-cultural teams.

**Overseas Experience:** 14 years experience from N. America, Middle East and N. Africa.



▶ **Kjeld Steen**

**Electronics / IT Engineer**

**Skills & experience:** IT systems software and applications. Network and server infrastructure setup. Project management. Database administration. Wastewater treatment. Demand chain management. Emergency and disaster planning.

**Overseas Experience:** UAE, Saudi Arabia, Kuwait, Bahrain, Oman, Egypt, Jordan, India, Pakistan, Iran, Philippines.



▶ **Niels Ole Nielsen**

**Civil engineer**

**Skills & experience:** Project Manager / Resident Engineer managing multi-disciplinary projects involving construction, roads, water and sanitation. Extensive government, NGO and private sector experience. Experience working with conflict affected communities and groups, and in civil – military liaison. Skills in rural development, participatory approaches, and cross cultural communication.

**Overseas Experience:** West Bank, Tanzania, Malta, Bahrain, Oman



▶ **Lars Bramsen**

**Design Engineer**

**Skills & experience:** Planning management, project management and site management. Water supply and distribution. Physical planning, infrastructure design, building design (architectural and engineering). Contract management. Fluency in Spanish.

**Overseas Experience:** Sri Lanka, the Maldives



▶ **Tore Svendsen**

**Environmental Engineer**

**Skills & experience:** Research engineer, involved in aquaculture, water treatment, sanitation and supply. Research, investigation and project management skills. Reasonable fluency in German and basic Spanish.

**Overseas Experience:** Zimbabwe, Malaysia, Mexico.



▶ **Michael Stolberg**

**Construction Engineer**

**Skills & experience:** Water supply, treatment, distribution, and waste water drainage installations. Consulting engineer involved in design and inspections.