



32. Wasserhygienetage Bad Elster, 07.-09.02.2024

# **Klimaresiliente Trinkwasserversorgung für Europa: EU Projekt SafeCREW**

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DVGW-Forschungsstelle TUHH



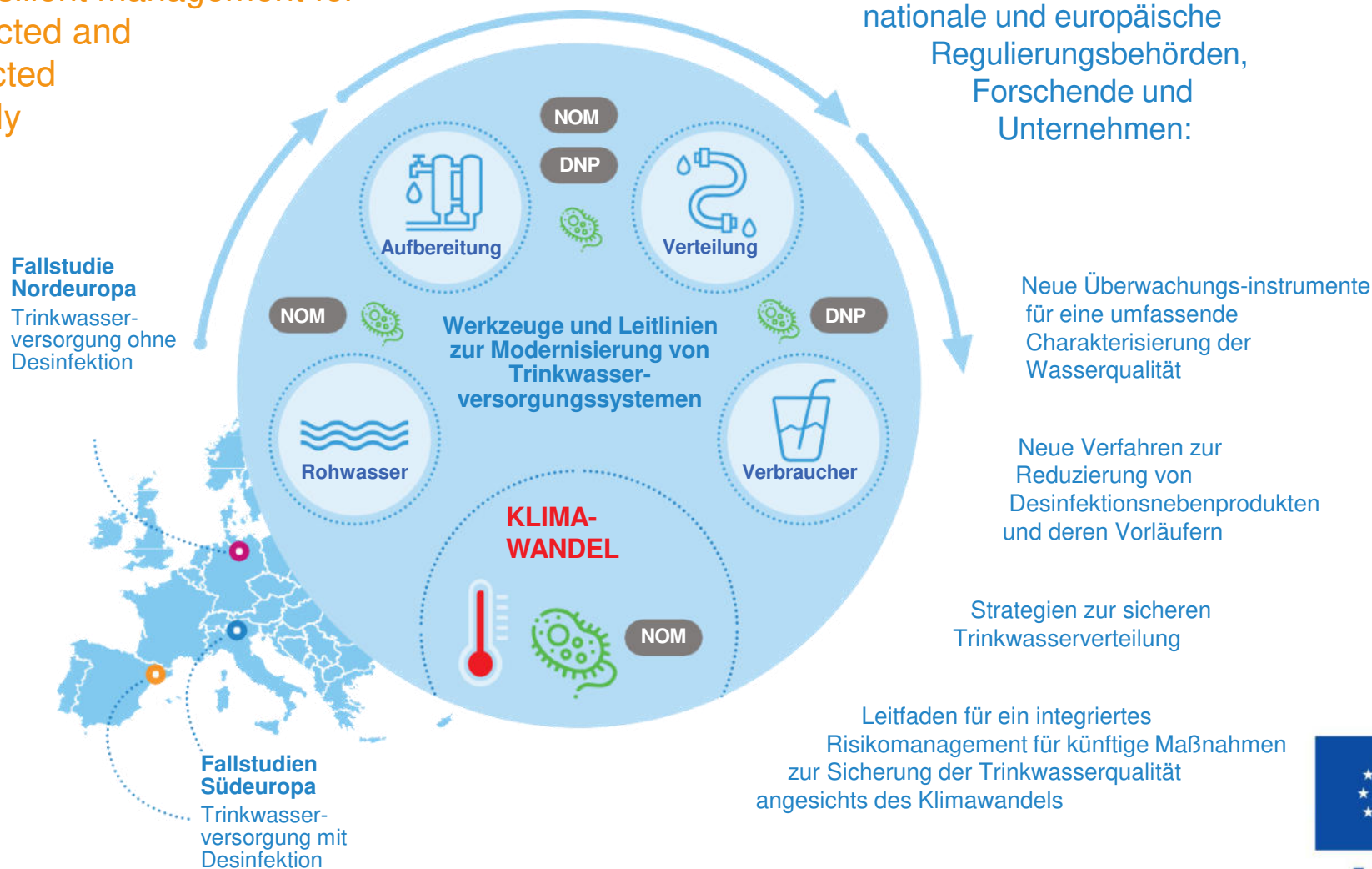
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## Anpassung der Trinkwasserversorgung an den Klimawandel

**Laufzeit: 11/2022 – 04/2026**  
**Horizon Europe (101081980)**

Climate-REsilient management for  
 safe disinfected and  
 non-disinfected  
 Water supply  
 systems

Übertragbare Instrumente für  
 nationale und europäische  
 Regulierungsbehörden,  
 Forschende und  
 Unternehmen:



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- ❖ DVGW Forschungsstelle TUHH
- ❖ Tutech GmbH
- ❖ Kompetenzzentrum Wasser Berlin
- ❖ Umweltbundesamt
- ❖ Helmholtz-Zentrum für Umweltforschung (UFZ)



- ❖ Consorci d'Aigües de Tarragona (Wasserversorger)
- ❖ EURECAT



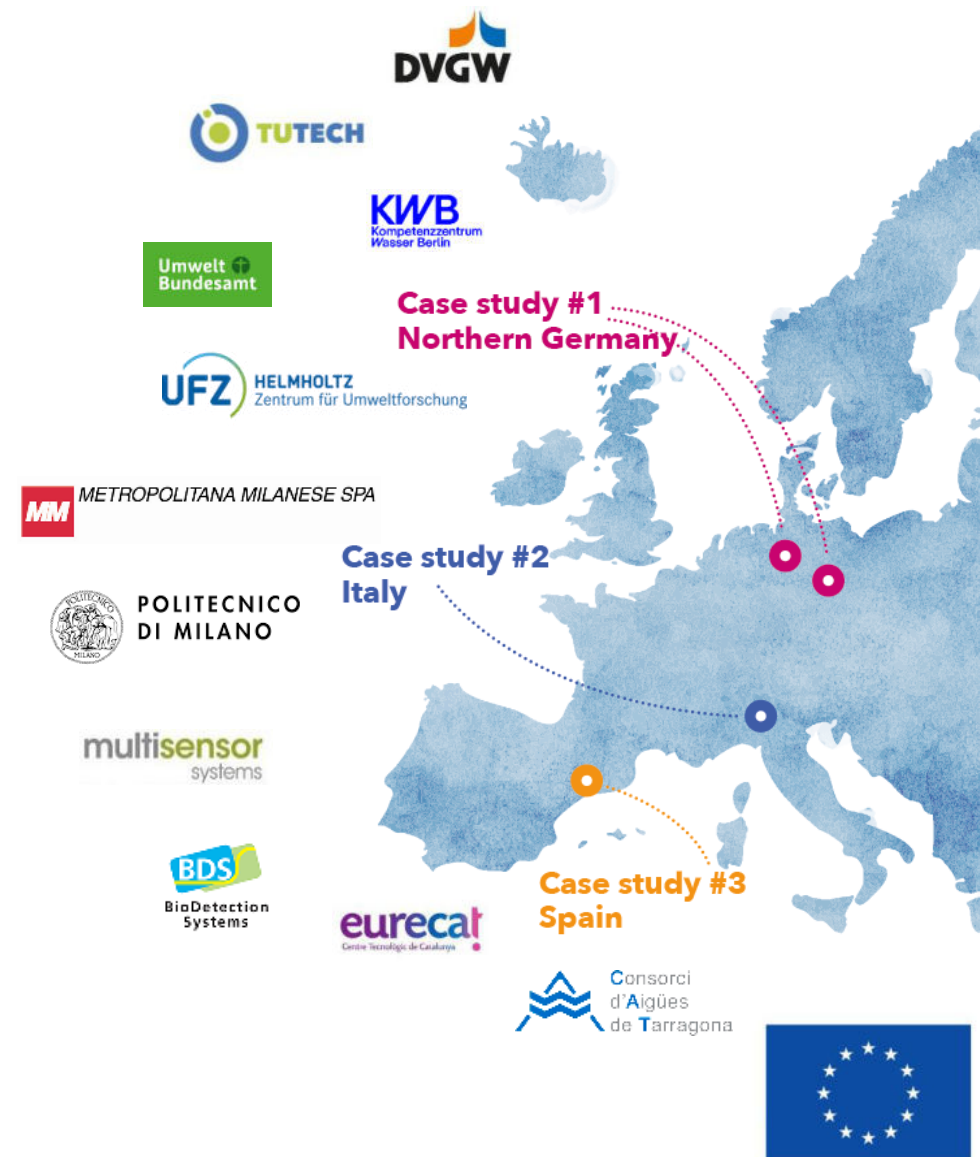
- ❖ Metropolitana Milanese Spa (Wasserversorger)
- ❖ Politecnico di Milano - POLIMI



- ❖ BioDetection Systems B.V.



- ❖ Multisensor Systems Limited



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## Fallstudie #1: Berlin, Hamburg

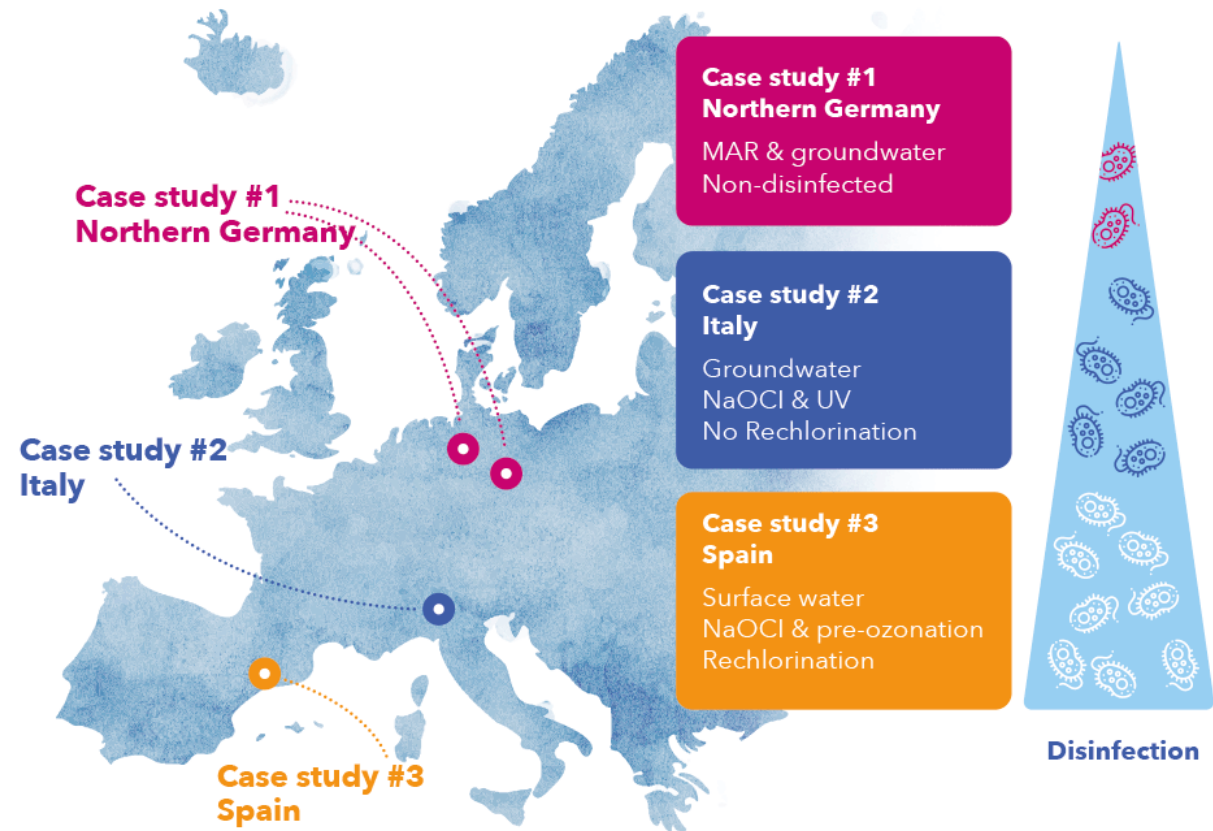
- ❖ Detektion von Pathogenen in niedrigen Konzentrationen
- ❖ Identifizierung von *tipping points* und Strategien zur erstmaligen Desinfektion

## Fallstudie #2: Mailand

- ❖ Optimierung der Desinfektion
- ❖ DNPs durch Wechselwirkungen mit Rohrmaterialien

## Fallstudie #3: Tarragona

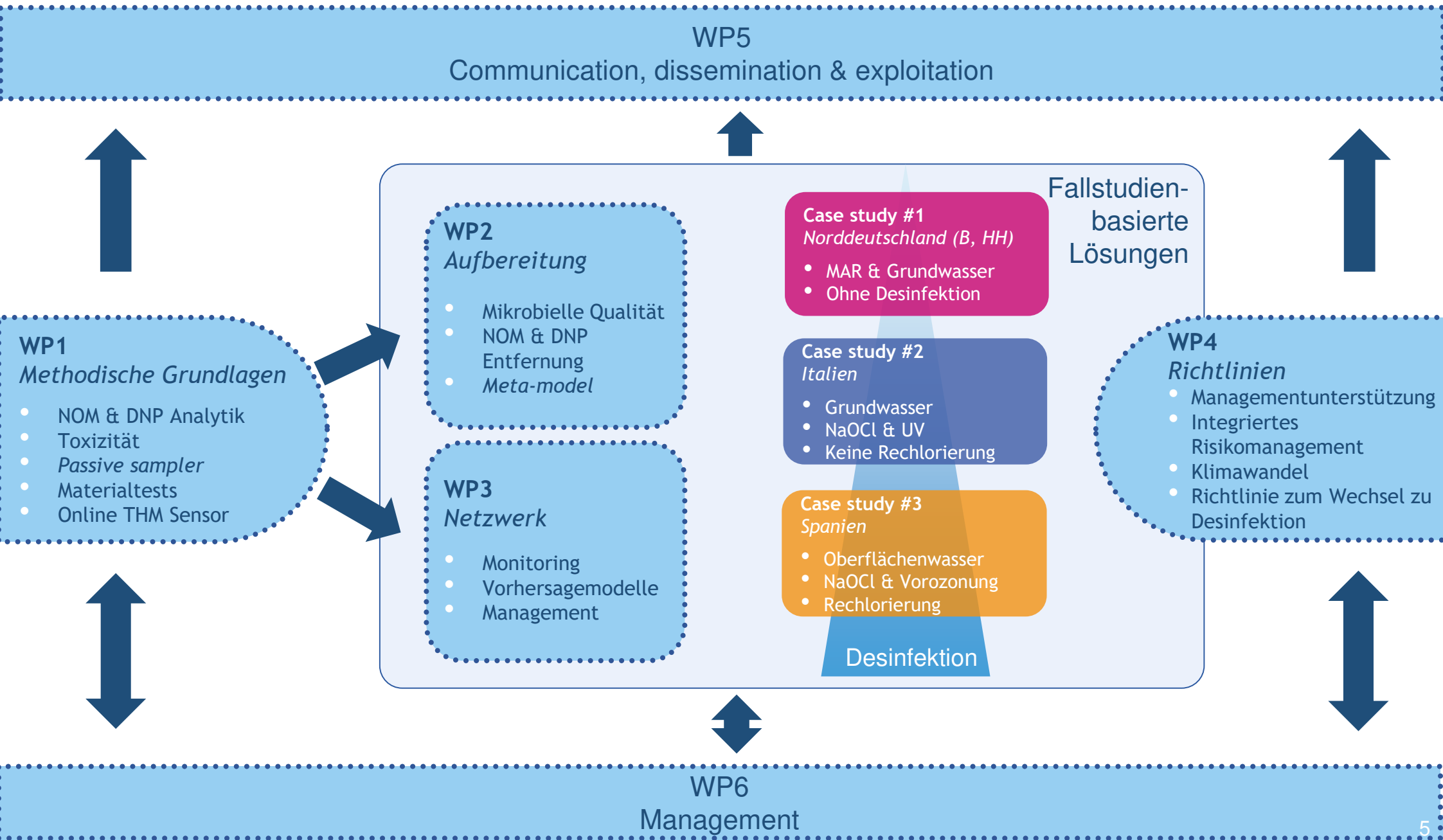
- ❖ Verringerung DNP durch Veränderung/Verminderung von NOM
- ❖ Frühwarnsysteme für DNP
- ❖ Risiko-basiertes Management



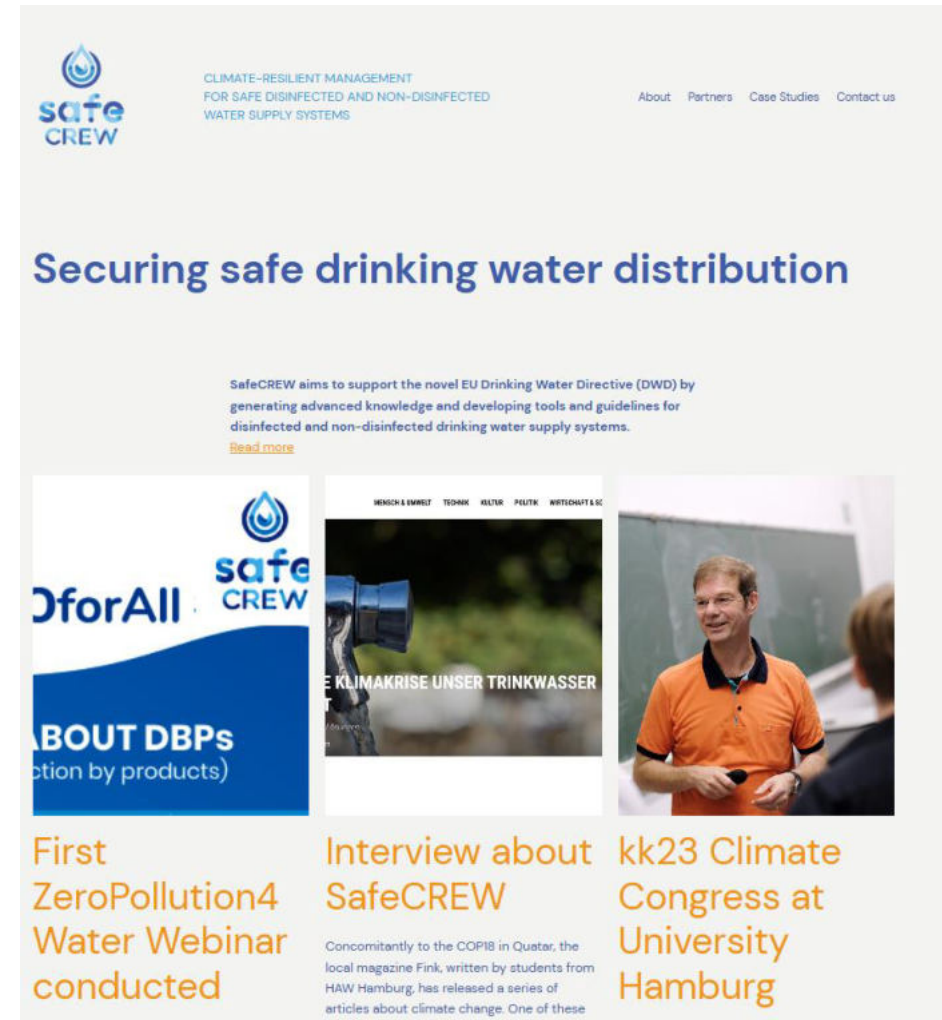
DNP/DBP = Desinfektionsnebenprodukt/by-product  
NOM = natural organic matter



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- <https://safecrew.org/>
- [LinkedIn](#)
- [@safeCREW\\_org](#) 



The screenshot shows the safe CREW website with the following content:

- Logo: safe CREW
- Navigation: About Partners Case Studies Contact us
- Header: CLIMATE-RESILIENT MANAGEMENT FOR SAFE DISINFECTED AND NON-DISINFECTED WATER SUPPLY SYSTEMS
- Main Title: Securing safe drinking water distribution
- Text: SafeCREW aims to support the novel EU Drinking Water Directive (DWD) by generating advanced knowledge and developing tools and guidelines for disinfected and non-disinfected drinking water supply systems. [Read more](#)
- Three featured articles:
  - forAll safe CREW ABOUT DBPs** (Distribution by products)
  - Interview about SafeCREW** (Concomitantly to the COP18 in Qatar, the local magazine Fink, written by students from HAW Hamburg, has released a series of articles about climate change. One of these articles is about the safe CREW project.)
  - kk23 Climate Congress at University Hamburg**



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SafeCREW has received funding by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.



EU project SafeCREW

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Vielen Dank für Ihre Aufmerksamkeit!



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