Overall guidance:

- *1 page max*
- *Non-technical language for an external audience for example donors, private foundations*

Recovery of WASH services in Ukraine:

Commented [GM1]: feel free to edit to something better

- Overview of key WASH needs (related to recovery, so infrastructure, DH, back-up energy), the context related to WASH, and importance of recovering services whilst increasing sustainability e.g. decentralised heating, back-up power, green energy

Since 2022, the war in Ukraine has continued to intensify, causing widespread devastation in front-line communities. This has resulted in forced displacement, extensive damage to vital infrastructure, loss of income-generating opportunities, and limited access to clean water, sanitation, and hygiene (WASH) services. According to the Humanitarian Needs and Response Plan (HNRP), more than 8.5 million people are in urgent need of clean and dignified WASH services, including 1.2 million children, 1.2 million persons with disabilities (PWDs), and 2.6 million elderly individuals.

The infrastructure damage is further compounded by the deterioration of aging systems that were installed decades ago, high operation and maintenance costs, and the financial and technical constraints faced by local WASH utilities and authorities, which limit their capacity to repair and operate WASH systems independently. Limited access to essential services such as safe drinking water, adequate sanitation, solid waste management, and district heating increases the risk of WBDs (wWterBorne Diseases), public health, protection and dignity-related concerns, ecosystem disruption, and acceleration of climate change. It also disrupts the functionality of public institutions, such as schools and hospitals, which cannot operate without reliable access to these public basic services, especially during winter.

Furthermore, repeated attacks on infrastructure and energy facilities raised the need for resilient and sustainable solutions. These include decentralizing district heating systems, enhancing the efficiency and sustainability of WASH systems, and integrating renewable energy solutions into the WASH response and recovery efforts.

Overview of PIN's WASH recovery programming

- Key components of support – what do we do?

PIN WASH Program:

Our comprehensive WASH interventions address current needs while fostering long-term recovery through a multi-faceted approach that encompasses water supply systems, sanitation, district heating, renewable energy, Solid Waste management and recycling, market-based programming (MBP) for WASH, and capacity building. By working closely with local authorities,

including Vodokanals, we enhance service delivery and sustainability through the rehabilitation and better re-construction of affected WASH systems.

With several field offices and a locally experienced team of engineers, we implement a multi-million-dollar response across a wide geographic area—primarily Eastern, Southern, and Northern Ukraine—including regions such as Sumy, Kharkiv, Dnipro, Donetsk, Zaporizhzhia, Kherson, and Mykolaiv. This is further strengthened by a network of approximately 40 Ukrainian partners actively engaged in WASH, such as New Way and EcoClub.

Commented [AT2]: majority are RRM partners, only 2 or 3 are for infra or recovery

PIN is recognized as one of the leading WASH actors in the country. We are a member of the Strategic Advisory Group (SAG) and co-lead two Technical Working Groups (TWiGs) under the national WASH Cluster: Renewable Energy for WASH and Market-Based Programming for WASH, where we lead efforts to share knowledge and promote the replication of effective recovery practices, particularly the integration of renewable energy to stabilize WASH basic services and the use of MBP to improve access to hygiene items while supporting local market recovery.

Funding Sources: BHA, FPI, SOS, UHF, ECHO, MFA, Real Aid, Real Gift, and SV.

Commented [AT3]: highlited included recovery – somehow

  - Our capacity
  - Reach / key figures on our impact to date/current scale
  - Mention of partners/support to partners
- Cost examples of programming e.g. cost of restoring one District Heating system for X people, cost of back-up energy for 1 water system reaching X people, Cost of one water tower etc

The cost of WASH interventions depends on the technical assessment of the targeted system and area, ranging from a few thousand to several hundred thousand USD. On average, the interventions we implement cost approximately:

$50,000 for water or sanitation systems, $100,000 for district heating systems, $50,000 for renewable energy solutions, and $50,000 for solid waste management and recycling initiatives.