

NEXT >>> GENERATION SANITATION (NGS)

Future-Proofing Communities, Countries and the Planet

DESIGN

Inclusive, Resilient,
Immediate,
Forward-thinking



INTEGRATE

Regenerative, Holistic, Contextually-based

SUPPORT

Public and private,
Technical, Financial,
Regulatory,
Sustainability

FOR CLIMATE -RESILIENT, REGENERATIVE AND GENDER- RESPONSIVE SANITATION SOLUTIONS

With 3.4 billion people worldwide lacking access to safely managed sanitation, there is an urgent need to develop innovative solutions centred on non-sewered sanitation that are operationally, financially and environmentally sustainable to meet the specific needs of people, especially women and girls. **This is what is termed as Next Generation Sanitation (NGS).**

>>> Key Principles of NGS



Innovative Technologies and Solutions

At the heart of NGS are non-sewered sanitation systems, including decentralized, off-grid, and on-site technologies and solutions. These systems are the only viable way to significantly increase access to safely managed sanitation in Global South.

**NGS FOCUSES ON
EXISTING SCALABLE
SOLUTIONS AS
WELL AS NEW
INNOVATIONS.**

Sustainable and Scalable financing

NGS presents a unique investment opportunity and a business response to the global sanitation and hygiene crisis. This includes identifying catalytic financing mechanisms, such as public-private partnerships, blended finance, impact investing, and microfinance.



Climate, Environment, and Circular Economy

NGS provides significant investment potential with broad societal and economic benefits while reducing environmental impact and enhancing climate resilience. It adapts to current and future water availability, flood risks, and other natural disasters. **NGS systems go beyond waste management; they reclaim and repurpose waste, aiming for scale and sustainability by reconfiguring the sanitation value chain and activating local markets.**

**NGS PROMOTES THE
DEVELOPMENT OF
EFFECTIVE MODELS AND
SUPPORTS TECHNOLOGICAL
INNOVATIONS THAT MAKE
SANITATION SERVICES MORE
EFFICIENT, AFFORDABLE.
AND SUSTAINABLE.**



Sustainable operations & maintenance

NGS strengthens the entire sanitation value chain, ensuring that facilities are not only built but also maintained, emptied, and kept durable, with waste collected, transported, and treated for reuse. This approach ensures that communities benefit from sustainable access to sanitation products and services, safeguarding their health and well-being, as well as the environment.



Gender responsive sanitation

It involves providing products and services tailored to their needs as consumers, ensuring their inclusion in decision-making processes, and providing them with access to adequate financing as business owners. Women should also benefit equally from employment opportunities in the sector.

**INVESTING
IN NGS MEANS
INVESTING
IN WOMEN AND
GIRLS.**

User Preference

While maintaining a product-agnostic stance, NGS ensures that sanitation products and services are accessible, adapted to local contexts, and inclusive, with particular attention to gender considerations.



▶▶▶ A Pathway to Building Better



Recognise the right of every person to safely managed sanitation services



Embed sanitation, including wastewater, within urban planning and governance



Offer a diversity of technology choices to suit economic, geographic, and cultural needs



Recognise limitations of public services and the need for private sector engagement



Recognise the need to have sanitation services be appropriate for local places and communities to ensure uptake and use



Value recovery and reuse of waste, reducing environmental impact and potentially providing financial sustainability for providers



Acknowledge that sociocultural, technical, ecological, financial, and governance elements of sanitation must all be considered for a sustainable service



Advocate for continuous monitoring and adaptation



Build resilience of sanitation systems to acute climate shocks and long-term impacts

PARTNER WITH US:

At the UN's Sanitation and Hygiene Fund (SHF), we work with countries to build thriving sanitation economies that deliver Next Generation Sanitation access for all.

Acknowledging the massive potential that these markets represent in Low- and Middle-Income Countries (LMICs), SHF has developed a unique, comprehensive framework to assess market maturity and propose tailored packages of high-impact interventions to support the development of thriving sanitation markets. We support countries and funders in transforming how sanitation, hygiene and wastewater are valued, financed and delivered to create transformative impact for people, economies and the environment.

Contact:

info@shfund.org || www.shfund.org



Next Generation Sanitation has been developed in partnership with the Faecal Sludge Management Alliance (FSMA).