

# SDG, Innovation, IP and INDIA

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JIPII

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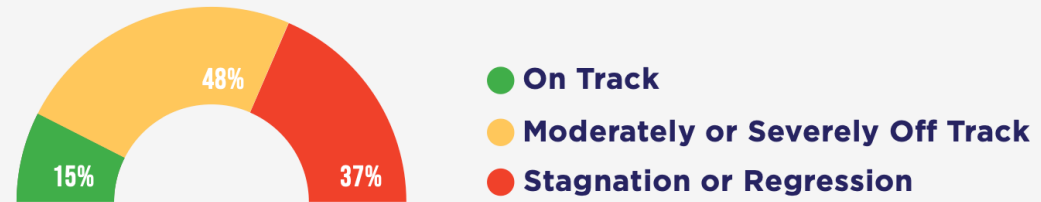
**EXC⇒LON IP®**

# SDG and UN



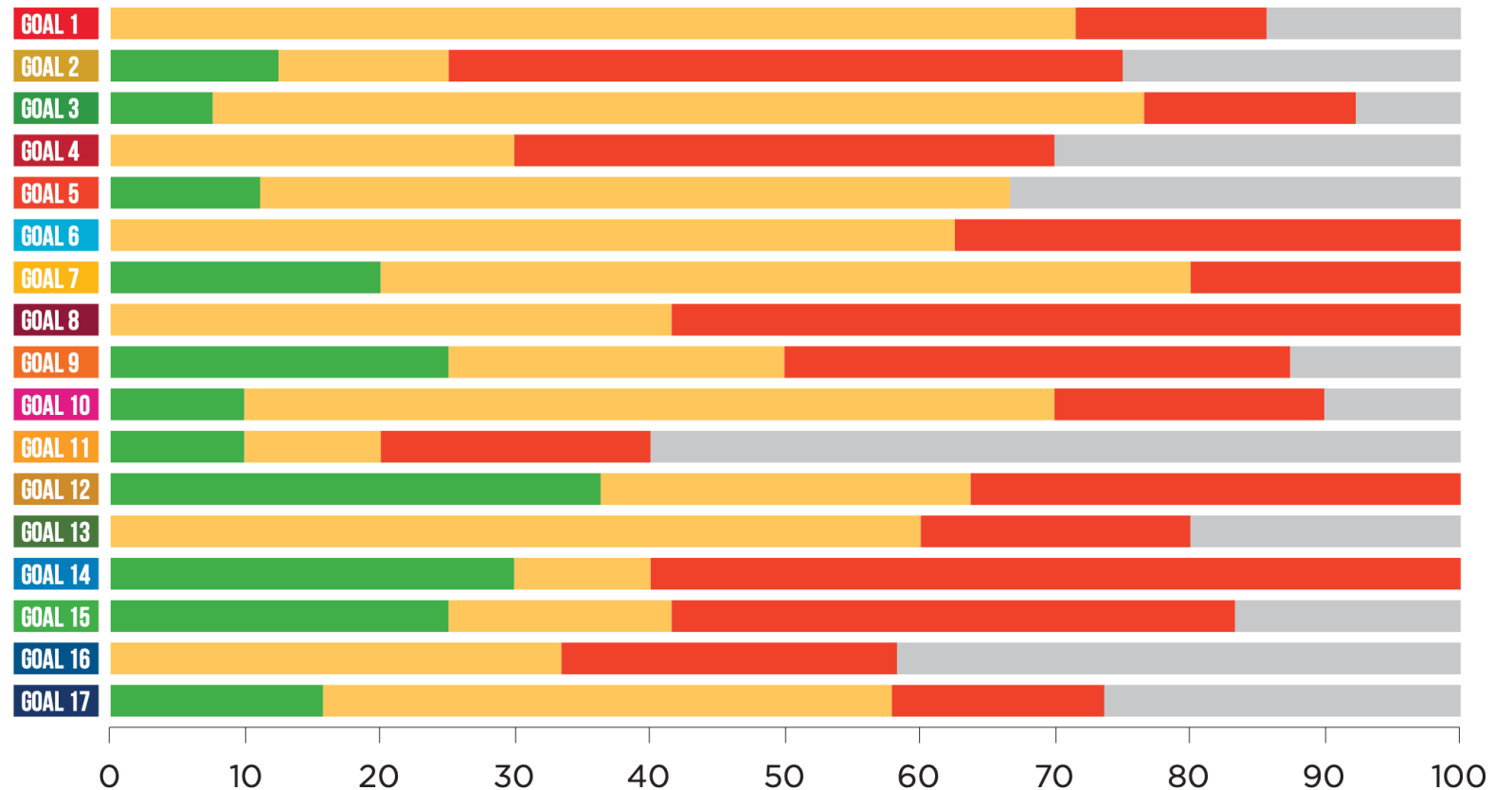
- **Why:** To achieve a more sustainable and equitable future by 2030.
- **When:** 17 interconnected goals adopted by all UN member states in 2015.
- **What:** Cover a wide range of issues including poverty, hunger, health, education, climate change, and inequality.
- **How:** Each goal has specific targets to track progress.
- **Who:** individuals and businesses to governments and international organizations.

## A concerning picture of SDG progress at the midpoint:



Progress assessment for the 17 Goals based on assessed targets, 2023 or latest data (percentage)

## Progress chart



Indian  
perspective  
on SDG





Initiative	Related SDG Goal
Clean India Mission (Swachh Bharat Abhiyan)	6, 11, 12, 13
Pradhan Mantri Ujjwala Yojana	1, 3, 5, 7, 13
Make in India	8, 9
Skill India Mission	4, 8, 9
Digital India	4, 8, 9
Pradhan Mantri Jan Dhan Yojana	1, 8
Beti Bachao, Beti Padhao	4, 5
Atal Mission for Rejuvenation and Urban Transformation (AMRUT)	6, 11
National Rural Livelihood Mission (NRLM)	1, 2, 5
Pradhan Mantri Fasal Bima Yojana	1, 2
Ayushman Bharat	3
National Mission for Clean Ganga (Namami Gange)	6, 14
Stand Up India	8
National Nutrition Mission (Poshan Abhiyan)	2, 3
Pradhan Mantri Awas Yojana	1, 8, 11
National Solar Mission (Jawaharlal Nehru National Solar Mission)	7, 13
Make for the World (Aatmanirbhar Bharat)	1, 8, 9

# India

East and South Asia



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[OVERVIEW](#)

[INDICATORS](#)

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SDG Index Rank

112<sub>/166</sub>

SDG Index Score



Spillover Score



## SDG Dashboards and Trends

Click on a goal to view more information.



**Dashboards:** ● SDG achieved ● Challenges remain ● Significant challenges remain ● Major challenges remain ● Information unavailable

**Trends:** ↑ On track or maintaining SDG achievement ↗ Moderately improving → Stagnating ↓ Decreasing ● Trend information unavailable

# Case study from India

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# Janitri<sup>®</sup>

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Innovating for saving lives at birth





# Did you know?

Globally, 223 mothers die in 100,000 live births.

In 1000 live births, 19 babies die during delivery or post-delivery

In India, in 1 lakh live births, 97 mothers die after pregnancy, delivery, or post-pregnancy.

In 1000 live births, 26 babies die during delivery or post-delivery.

80%

of complications can be avoided by closely monitoring the mother and baby in the last three months before delivery and during labor, along with making informed decisions.



A close-up photograph of a woman with dark hair and a small hoop earring, gently kissing her newborn baby on the forehead. The baby is wrapped in a white cloth and is sleeping peacefully. The background is softly blurred, showing a warm, indoor setting. In the top right corner, there are three purple circles of varying sizes. In the bottom left corner, there is a large red circle.

# Our Solution

“In 1000 day journey, solving the lack of vitals monitoring and early decision-making with the wearable devices, app and AI/ML-based solution in different phases”



# Current Use Case



## Hospitals

Compact and wireless devices for fetal and maternal vital monitoring with easy-to-use software for labour monitoring for Hospitals.



## Expectant Mothers

Wireless, portable, easy-to-use doppler based fetal monitoring device and application for expectant mothers for quick assessment.



## Transit Monitoring

Portable and wireless devices for fetal and maternal vital monitoring during transit in the ambulance.



## Public Health

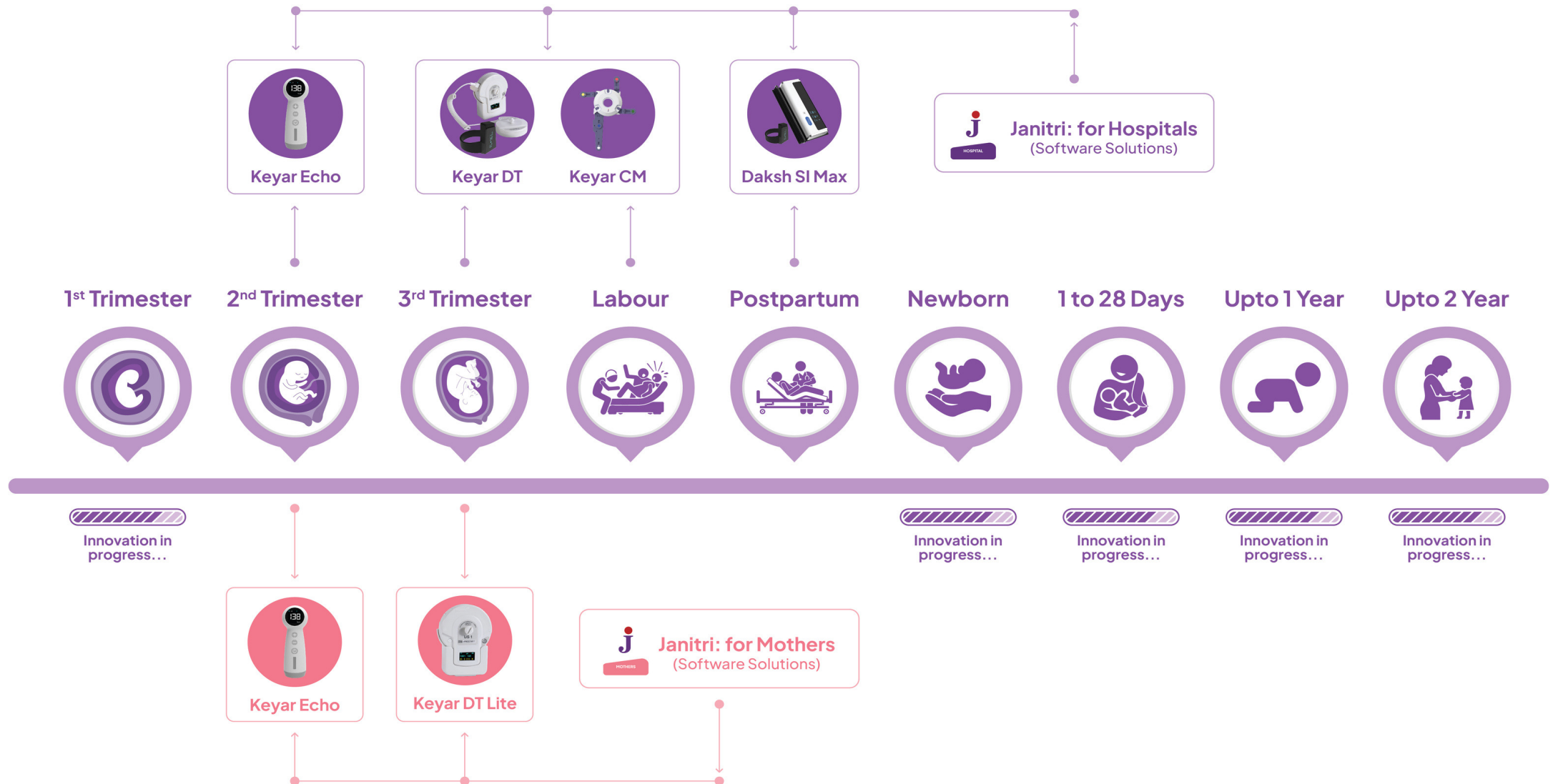
Portable and wireless devices for fetal and maternal vital monitoring devices and software for labour monitoring in public healthcare setups.



## Newborn & Infant

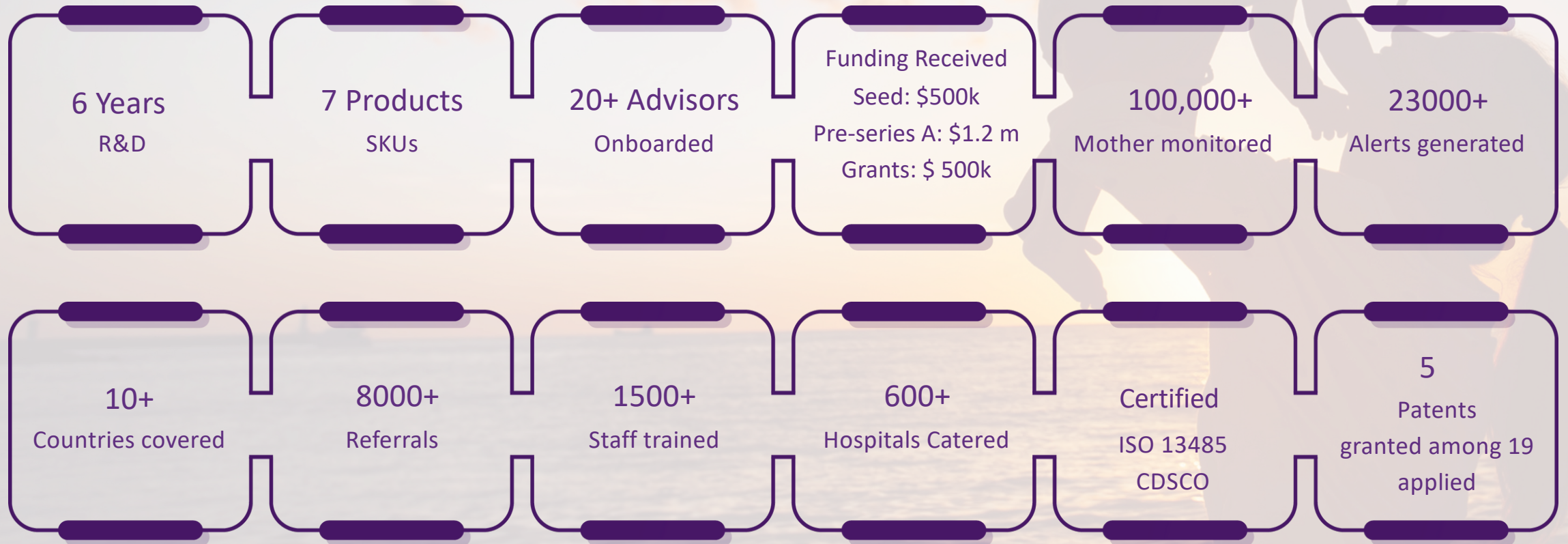
Wireless critical vital parameter monitoring device and software for Infants.

# Covering 1000 days journey





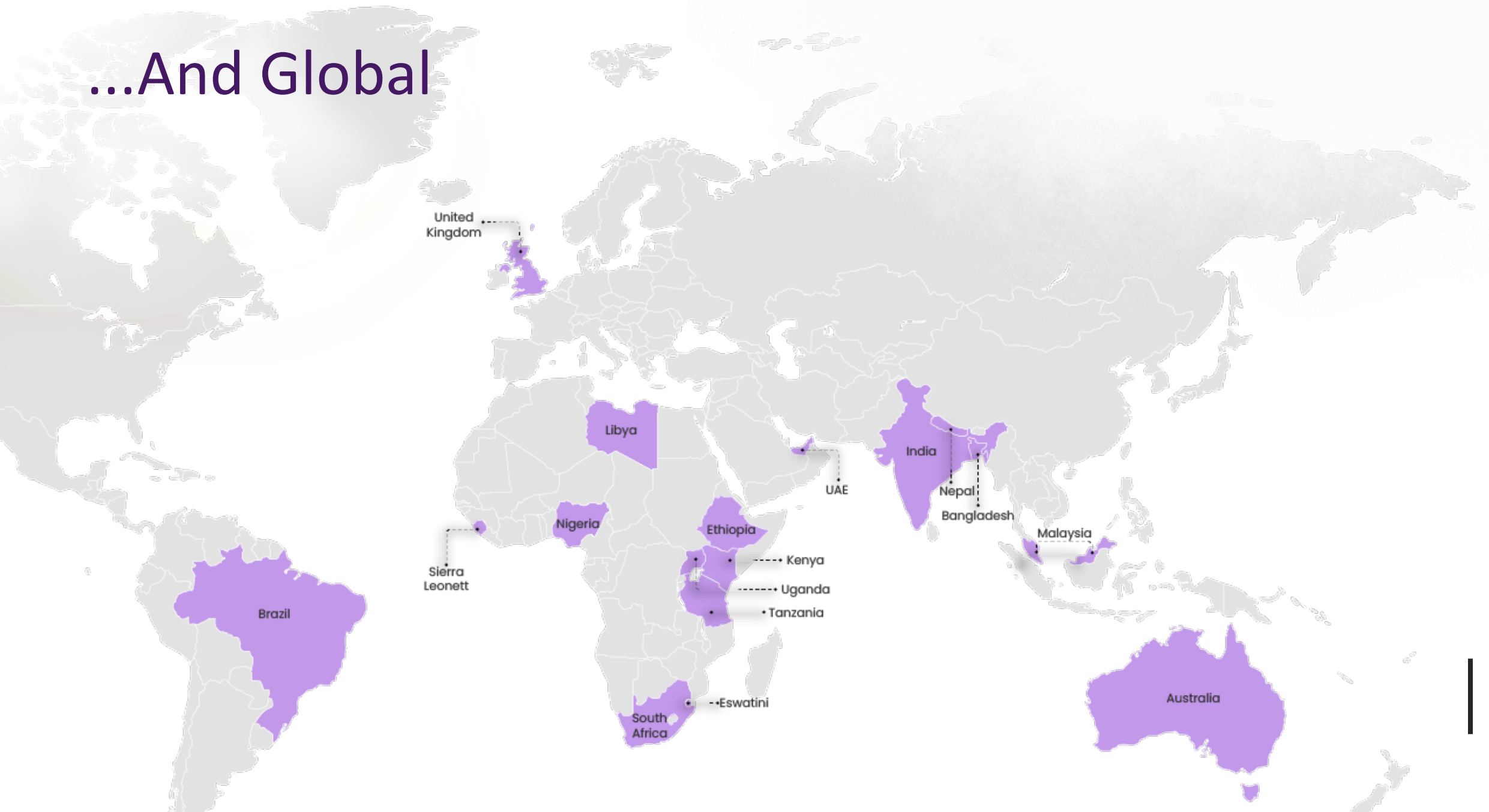
# What we have achieved?



# Presence in India



# ...And Global





# Sustainable Development Goals (SDGs)

Janitri Innovations can contribute to several SDGs set by the United Nations.  
Here's how:

## SDG 3: Good Health and Well-being

Janitri's pregnancy monitoring devices and solutions directly contribute to improving maternal and child health, aligning with the goal of ensuring healthy lives and promoting well-being for all.

## SDG 5: Gender Equality

By focusing on maternal and child health, Janitri addresses gender disparities in healthcare access and outcomes, empowering women to make informed decisions about their health and that of their children.

## SDG 9: Industry, Innovation, and Infrastructure

Janitri's innovative technology and solutions represent a prime example of leveraging technology for sustainable development, driving innovation in healthcare infrastructure.



## SDG 10: Reduced Inequalities

Janitri's mission to provide affordable and accessible pregnancy monitoring devices aims to reduce inequalities in healthcare access, ensuring that even underserved communities have access to life-saving technology.

## SDG 17: Partnerships for the Goals

Janitri collaborates with various stakeholders, including healthcare providers, NGOs, and government agencies, to achieve its mission, demonstrating the importance of partnerships in achieving sustainable development objectives.





- Ekam Eco Solutions, founded in 2013, is a research spinoff of IIT Delhi's works on **Sanitation**.
- Ekam's approach is based on the fundamental principles of Happiness, Simplicity and Positivity.
- Ekam focus on building humane and hygienic sanitation systems.
- Ekam's products are inspired by nature and designed to sustain the local realities of a developing world.

# WATERLESS URINAL

**SAVES WATER | COST EFFECTIVE | RETROFIT DESIGN**



SAVES OVER 1.5L  
LTRS OF WATER



NO CONSUMABLE  
CARTRIDGE



EASY TO CLEAN



RETROFIT DESIGN.  
COMPATIBLE WITH  
ALL URINALS.



NO POWER  
REQUIRED



LOW  
MAINTENANCE



SAVES MONEY.  
ROI IN 1-3 MONTHS



FRESH & ODOR  
FREE

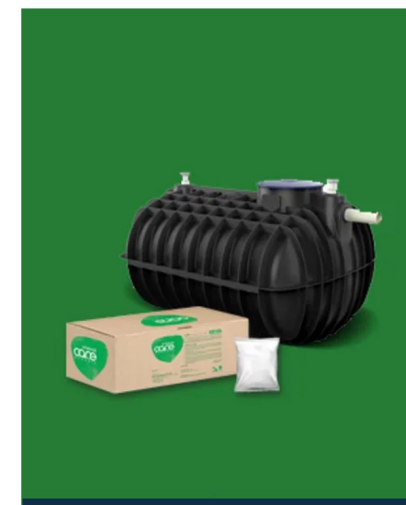
# Products & Service



WATERLESS URINALS



NATURAL CLEANERS



PORTABLE BIO TOILETS



STP TREATMENT



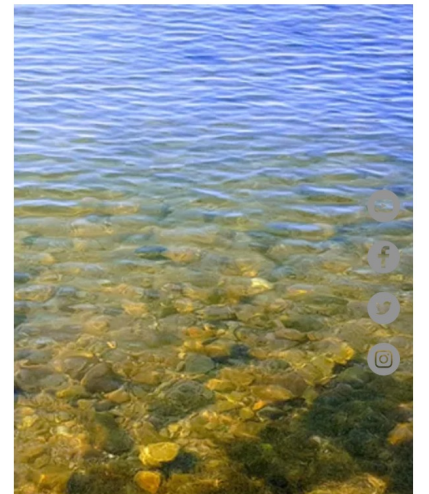
SEPTIC TANK TREATMENT



PORTABLE URINALS



FOOD WASTE COMPOSTING



BIO-REMEDIATION

# What is achieved?



**15K+**  
**Installations**

More than 15K successful  
installations of our technologies  
since 2013



**20+**  
**Awards**

Over 20+ credible National &  
International awards and  
recognitions



**700+**  
**Happy Clients**

More than 700 happy corporates  
and institutions are using our  
technologies



**1 Billion+**  
**liters of water saved**

Over 1 Billion liters of fresh water  
saved in last 7 years through our  
installations





**Individually,  
we are one drop.**

**Together,  
we are an ocean.**

- Ryunosuke Satoro



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