

# Making Alliances Happen Update

Office of Principal Scientific Adviser, Govt of India

**INR 1032 Cr** worth of opportunities brought for 50+ institutions from 190+ industry and philanthropic partnerships.

**Engagements**

Institutes - 61.2%  
Cluster - 7%  
Startups - 32%

**Project Type**

Social Impact-74%  
Industry R&D-23%  
Marketing-3%

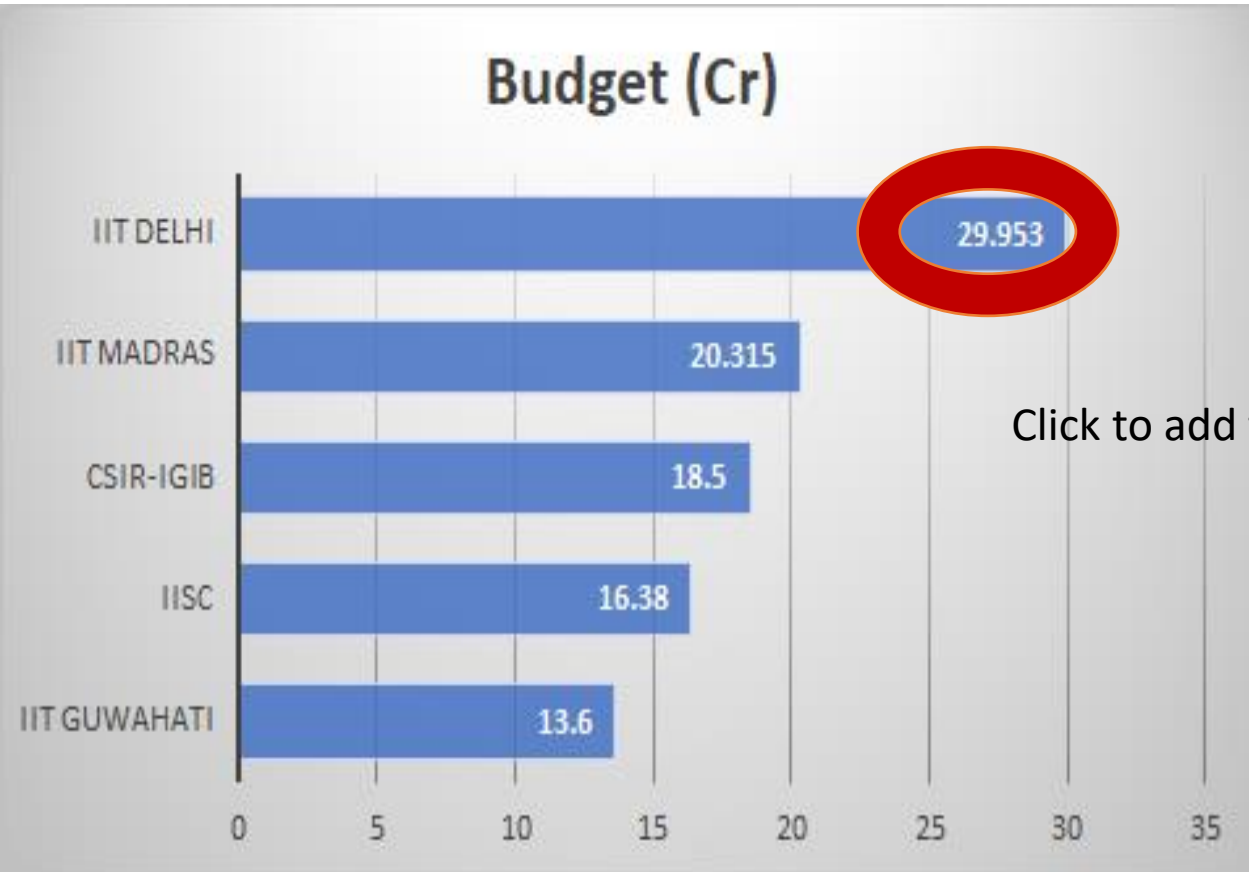
**Thematic areas**

Health  
Agriculture  
WASH  
Waste management  
Energy

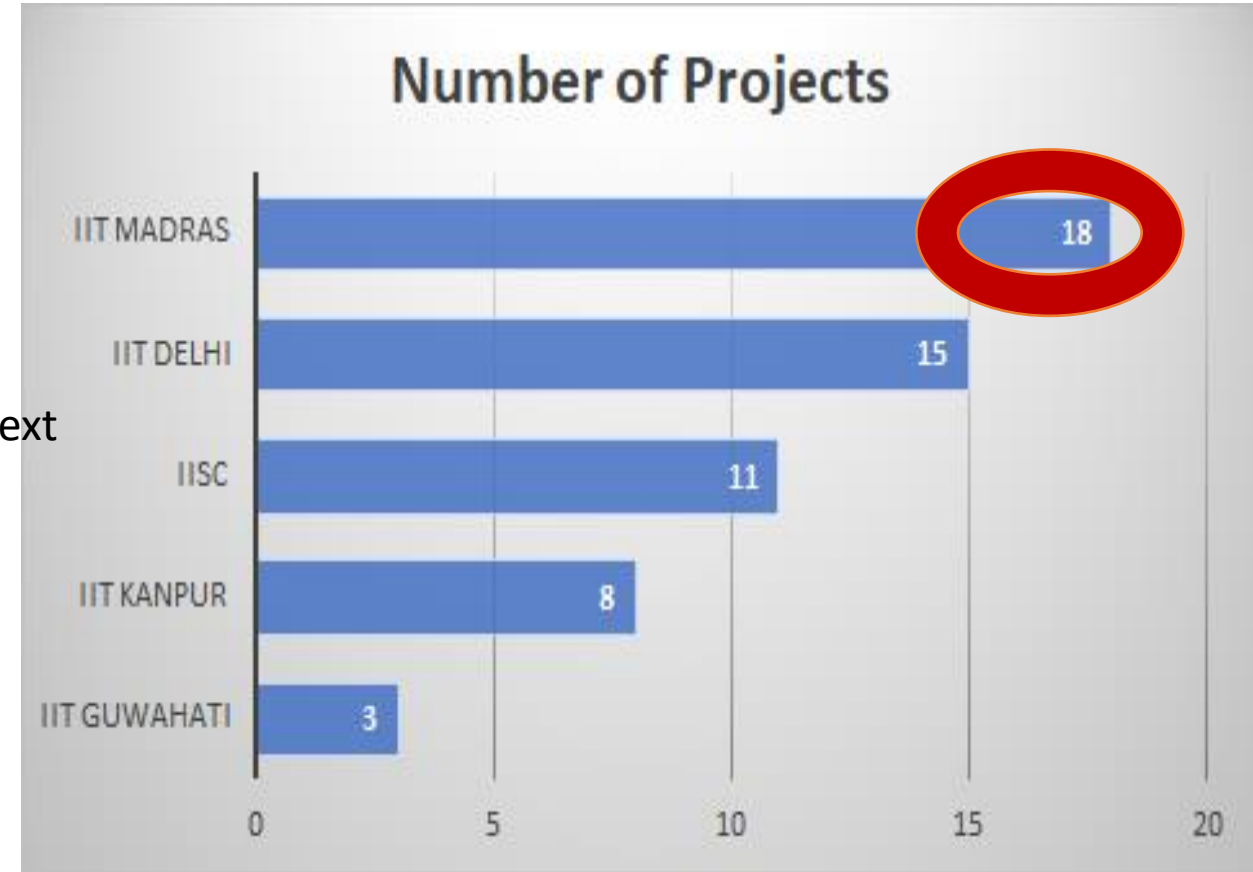
**In-Kind Support**

Incubation  
Infrastructure  
Capacity Building  
Resources

# Top 5 Institutes



Click to add text



**Budget wise - IIT Delhi**

**Number of Projects – IIT Madras**

# STI Clusters

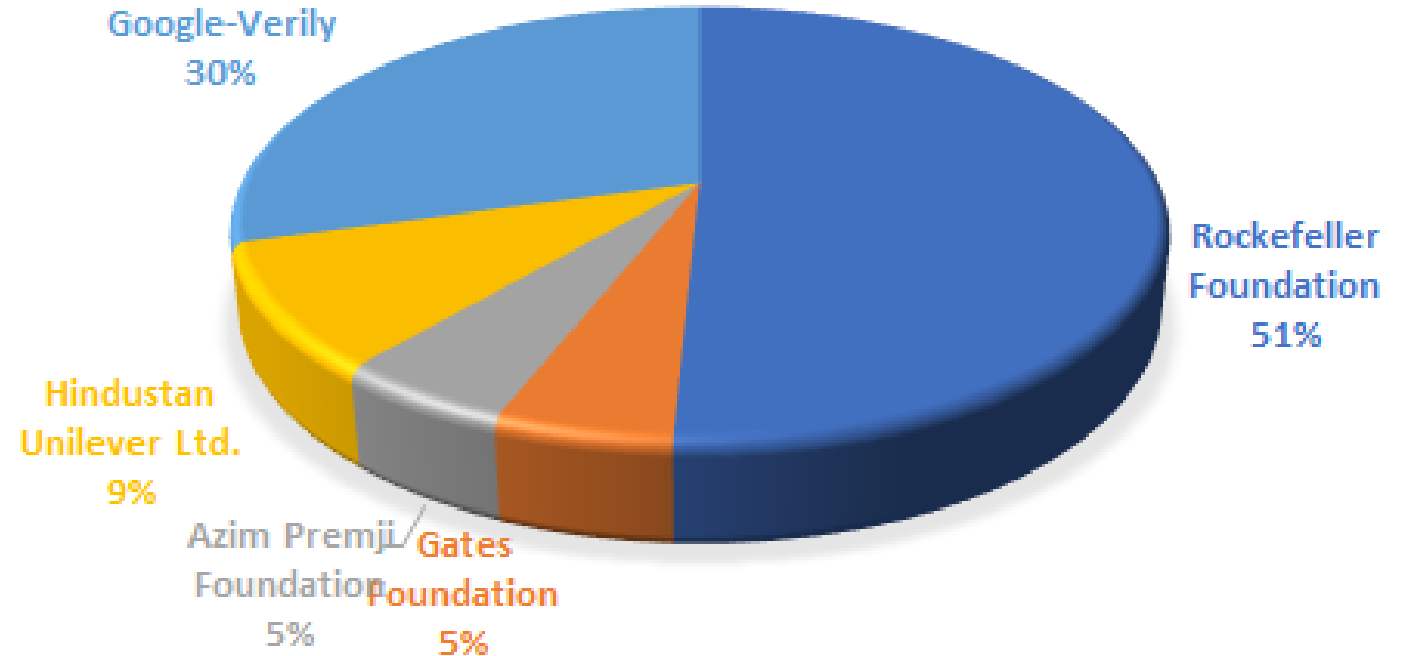
Bangalore Cluster received funding opportunities worth **INR 228.95Cr**

## Six STI Clusters identified

- Delhi-NCR
- Hyderabad
- Pune
- Bangalore
- Bhubaneswar
- Jodhpur

### BANGALORE CLUSTER FUNDING

Click to add text



# Startups and SMEs

**90+** Start-ups impacted.

Opportunities received through:

- Innovation challenges
- Covid-19 project 2020
- Project Ext Hospitals
- Project O2

Support provided:

- **11** projects -- In kind
- **37** projects – Funding
- Funding opportunities worth **INR 566.82 Cr**

# Industry and Philanthropic Sector

## Quick Numbers:

Total engagements

**211**

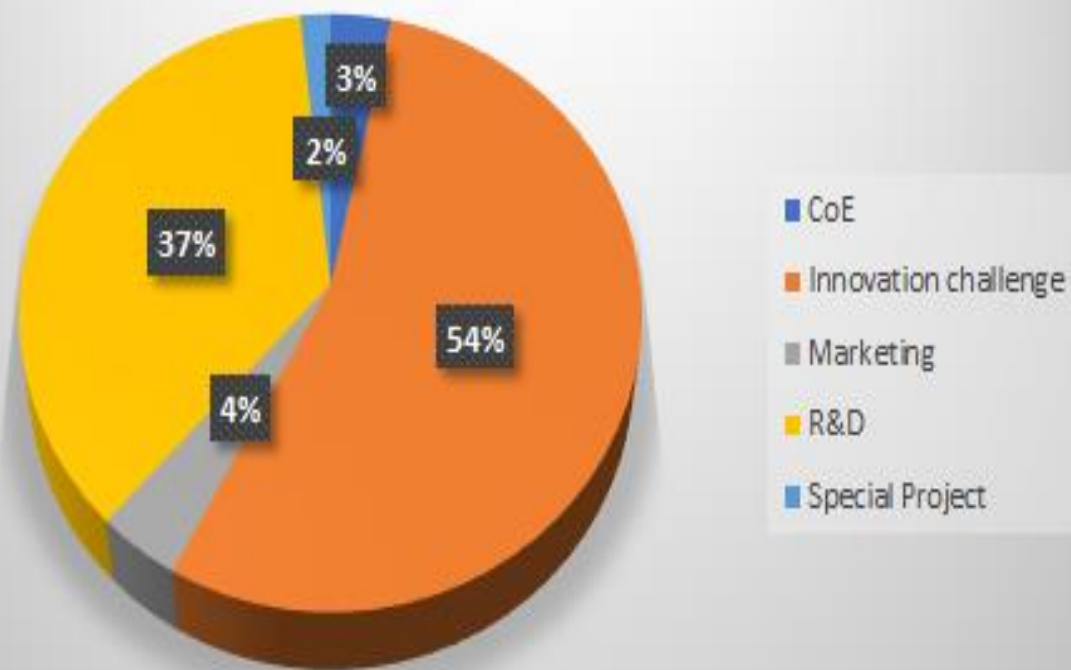
Repeat Engagements

**29 (Annex 1)**

## Top 5 Stakeholders:

- NMDC
- Rockefeller
- Master Card
- Google
- Verily

### Project Types

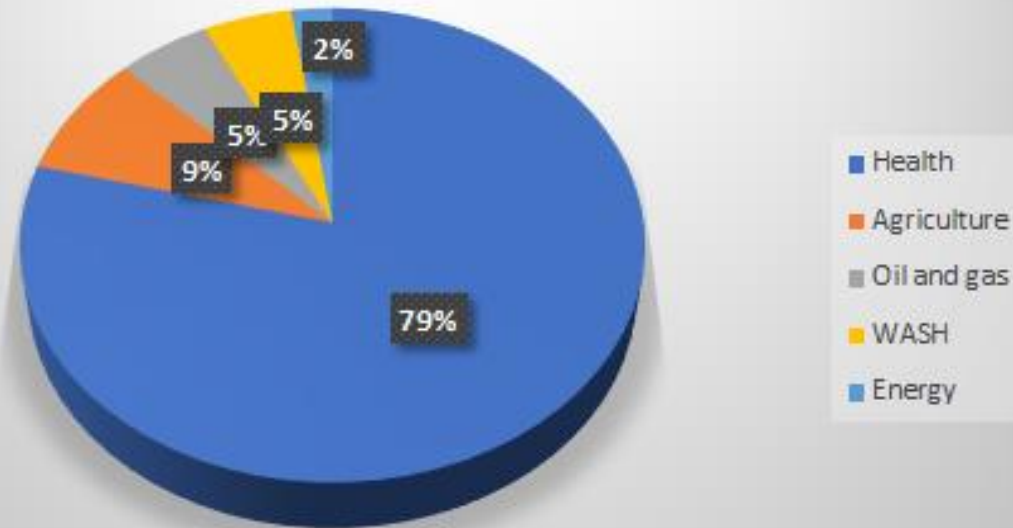


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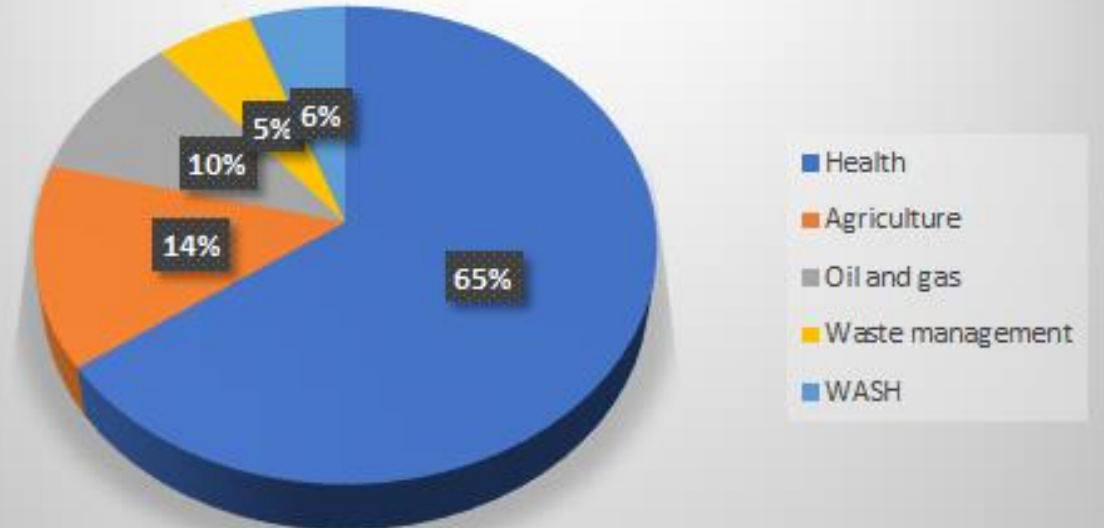
Total Funding	Projects	Number of partners
<1 Cr	46	26
1-5 Cr	37	28
5-25 Cr	36	16
25-100 Cr	18	5
100+ Cr	3	2

# Top 5 Thematic interventions

## By Budget (Cr)



## By Numbers



Others: Artificial Intelligence, Machine Learning, Blockchain, IT, Environment, Climate change, Construction, Electronics

# Centers of Excellence (CoE)

## Sludge Management

- Institute – IIT Pallakkad
- Knowledge partner – TBC
- Funding - DST

## Plastic Waste

- Industry - Coca Cola
- Knowledge Partner – TBC-Steinbeis
- Institute – IIT Patna

## Air Pollution

Industry – Bloomberg/CIFF

## Organic Waste

- Industry – CAMBI
- Institute – TERI

## Renewable Energy

Institute - IIT Dharwad

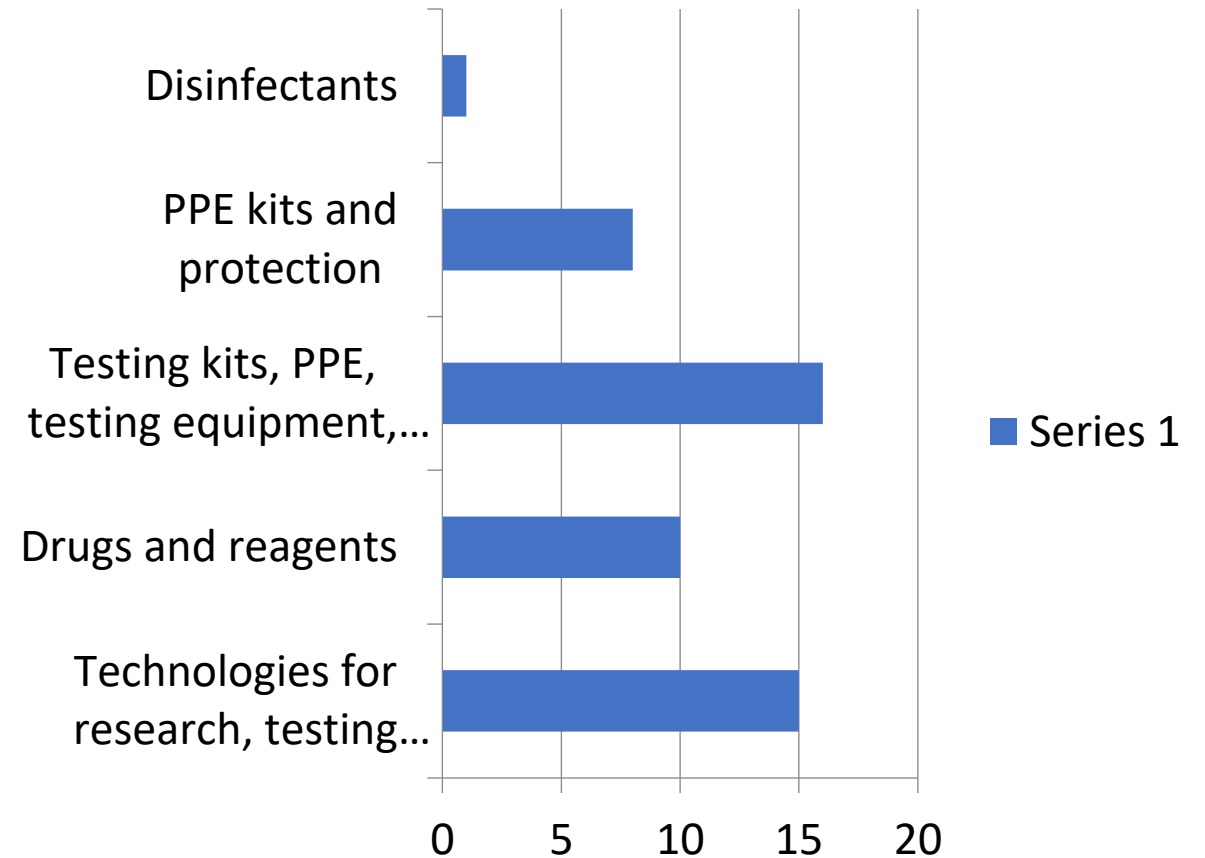


# CoVID-19 Technology and Innovation

56 projects executed through funding and technical collaboration with following companies:

Dell	Marico Innovation	Tata Steel	Flour Dania India Pvt. Ltd.
PNB Housing Finance Ltd	Mphasis & IIIT Bangalore	ACT Grants	Cholamandalam
Microsoft	Intel	ANSYS	Asian Paints
IT Firm	KisanKraft	Railways	Kirloskar Group
Standard Chartered	Wells Fargo	Syngene International	Persistent
Illumina	Infosys	Naukri.com	SBI Foundation
Tata Motors	Apollo	Cummins	Toyota
Capgemini	Murgappa	ICICI Securities	Infineon

## No. of Projects Across Various Areas



# Vaccination Technology and Innovation

## 3 Projects Funded

Community  
Engagement – 2  
Cold storage – 1

## Funding (INR)

2.457 Cr

## Institutes

IIT Delhi  
CCAMP

## Funded by

NIIF  
HT Parekh

# National Projects 2021

## Project Extension Hospitals

Hospitals – 54  
Industry partners – 29  
Funding – **INR 135 Cr**

## Project O2

Industry/Philanthropy sector  
– 14  
Institutes in consortium – 7  
Funding – **INR 357.925 Cr**

## Virus Variants Study

Industry/Philanthropic  
sector – 6  
Institutes in cluster – 8  
Funding – **INR 226.05 Cr**

# Show and Tell

## Teamworks Jaipur Lit Festival

Be Inspired, Tomorrow's  
India – International and  
national episodes

## Amazon Prime

Reality Show- 8 months  
and Bootcamp web series

## Doordarshan

25 episodes on Agri-  
technology

# Innovation and Science @Bharat Platform

## **Objectives:**

1. Social Impact through Science, Technologies and Innovations
2. Promotion of Emerging Technologies

## **Pillars:**

1. Information Exchange
2. Innovation Exhibition Halls (virtual stalls)
3. Conference Halls

# Ongoing Projects

Key Ongoing Partnerships (45+)			
ABB	DCM Shriram	Kerala Start up Mission	Steinbies
Aditya Birla	Deloitte	Magma Foundation	TATA Motors
Amazon	DXC technologies	Microsoft	TCS
Aspen Ananta	ICICI group	MSIS	UNDP
Bajaj	iDEX	NTPC	USAID
BCIC	IGSTC-Indo German S&T center	PATH	Vmware
Bloomberg	Infineon	Railways	Wales Govt.
CAMBI	Infosys	Rotary international	Youthforjobs
CIFF	Railways	Shell	
Coca Cola	Jaipur Literature Festival	Standard Chartered Bank	

# Annexure 1

## Repeat Engagements

Actgrants.in	Flour Daniel	PNB Housing
Amazon	GATES	Railways
BEL	IT Firm	Rockefeller
Capegemini	Infineon	SBI Foundation
Cholamandalam	Infosys	Social Alpha
CISCO	Magma Foundation	Standard Chartered
Cummins	Microsoft	Syngene International Ltd.
Daimler	MSIS	TiE
Dell	NIIF	USAID
Deloitte	PATH	