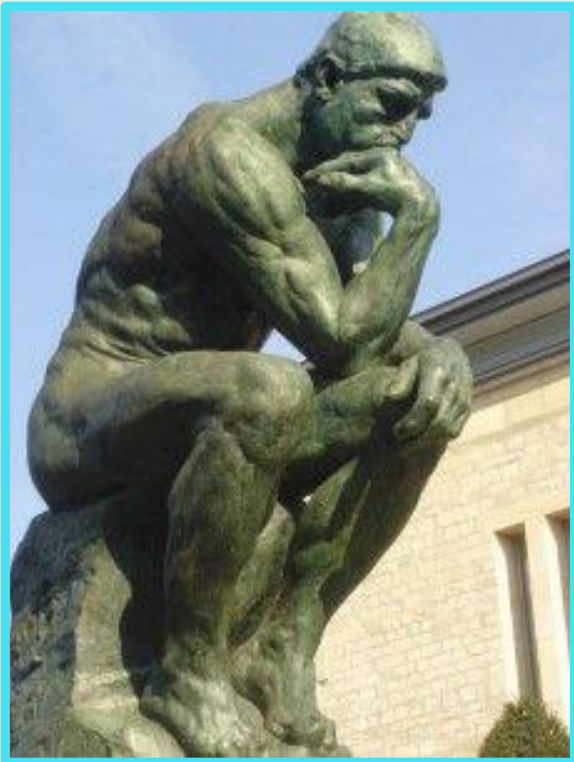


Startup Initiatives by IndianOil



*“Bridging the gap
between
Concept
to
Commercialization”*



#startupindia

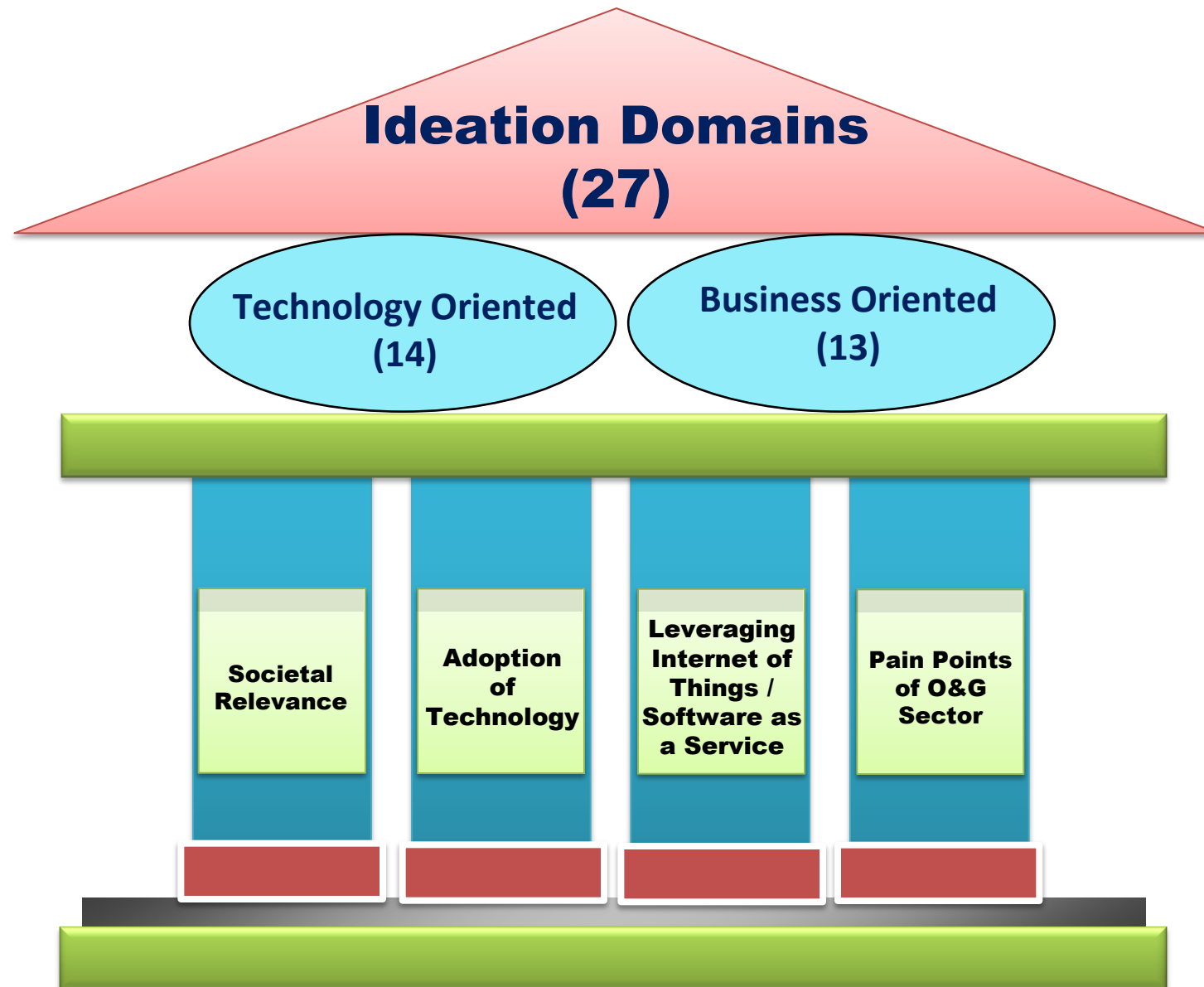




In line with the Vision of Hon'ble Prime Minister, Start Up Initiatives in Oil & Gas Sector launched during Start Up Sangam on 25th Oct 2017.



Architecture – IndianOil Startup



Execution Methodology

IndianOil StartUp Scheme

- ✓ Hand holding through Internal resources
- ✓ Hand holding by in-house experts

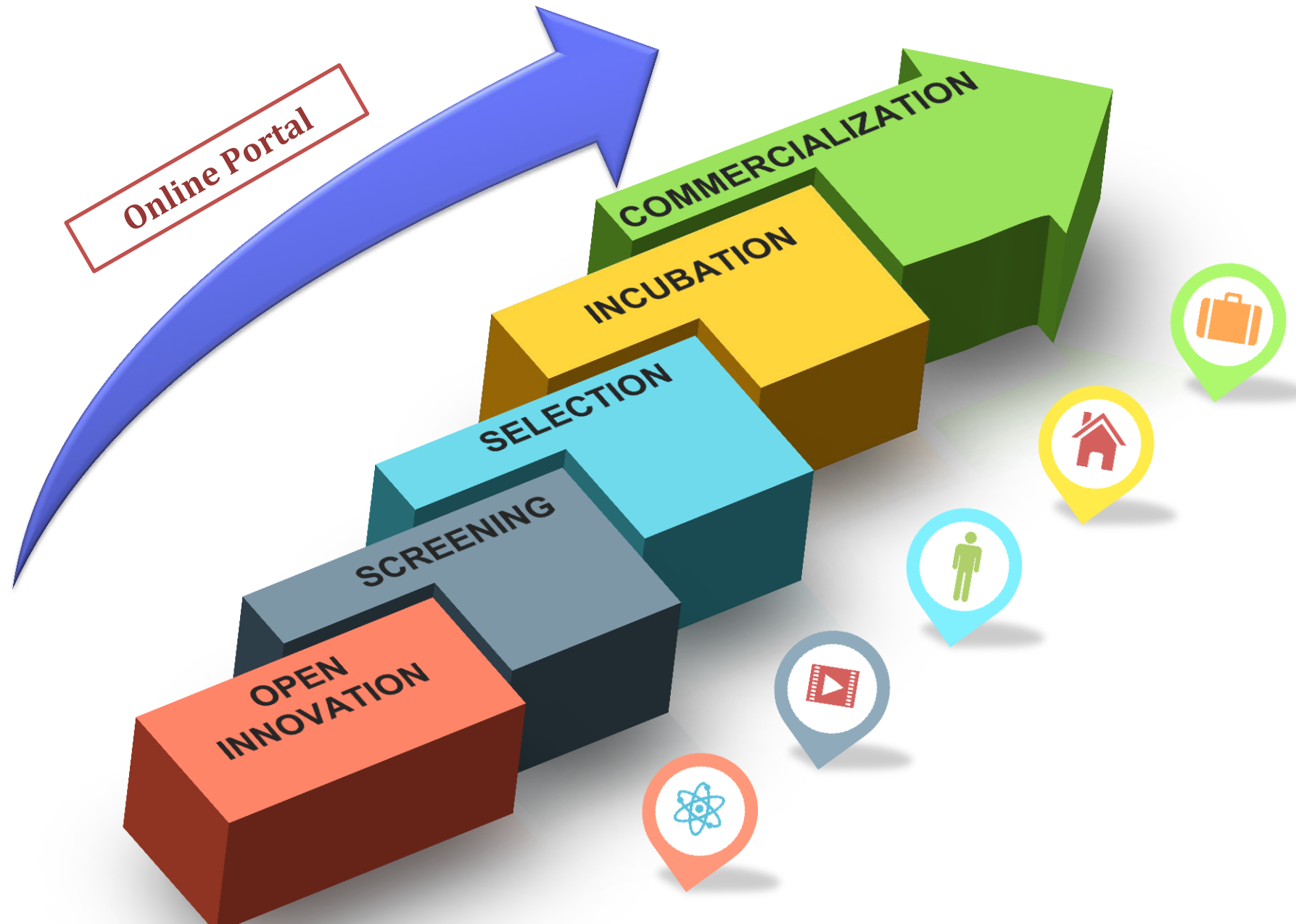


Others

- Outsourcing through Academia / Start Up Agencies

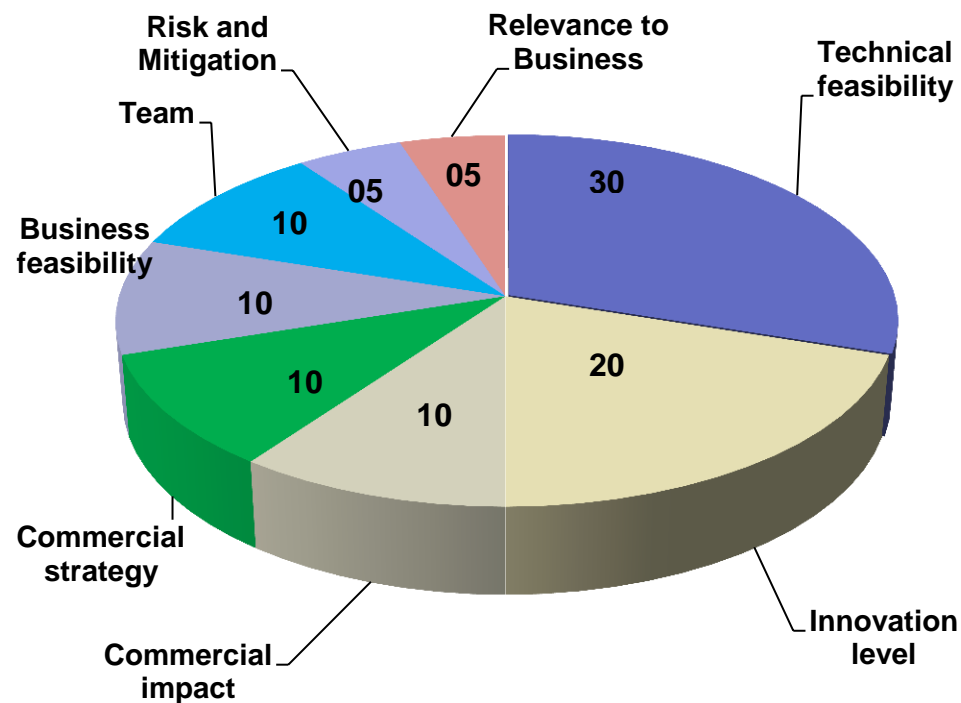


- ❖ Corpus fund: ₹30 crores
- ❖ Grant In Aid
- ❖ Milestone based fund disbursement
- ❖ Age & Qualification neutral
- ❖ Portal based selection process



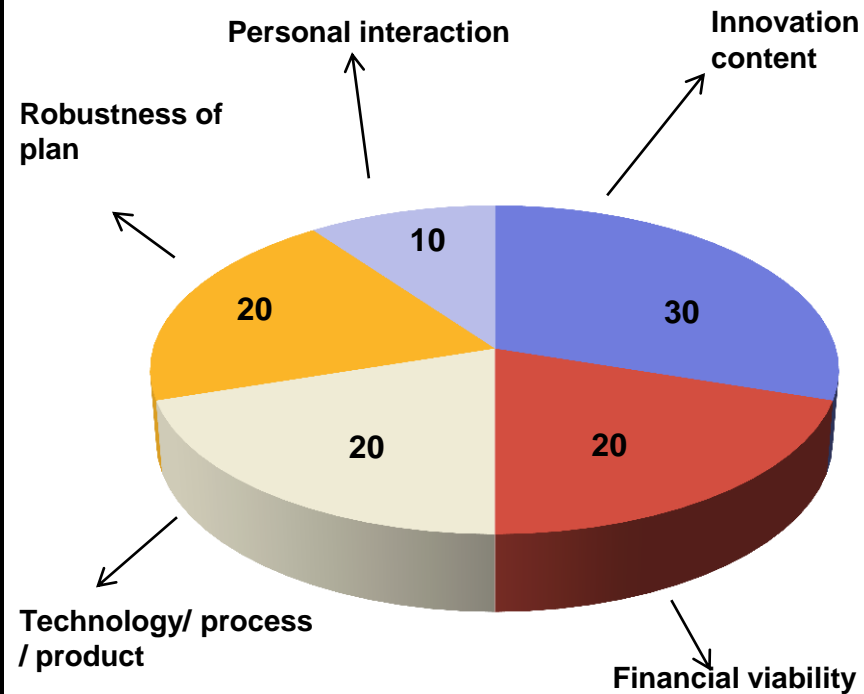
Selection Criteria

Level 1- Screening of Applications (Weightage %)



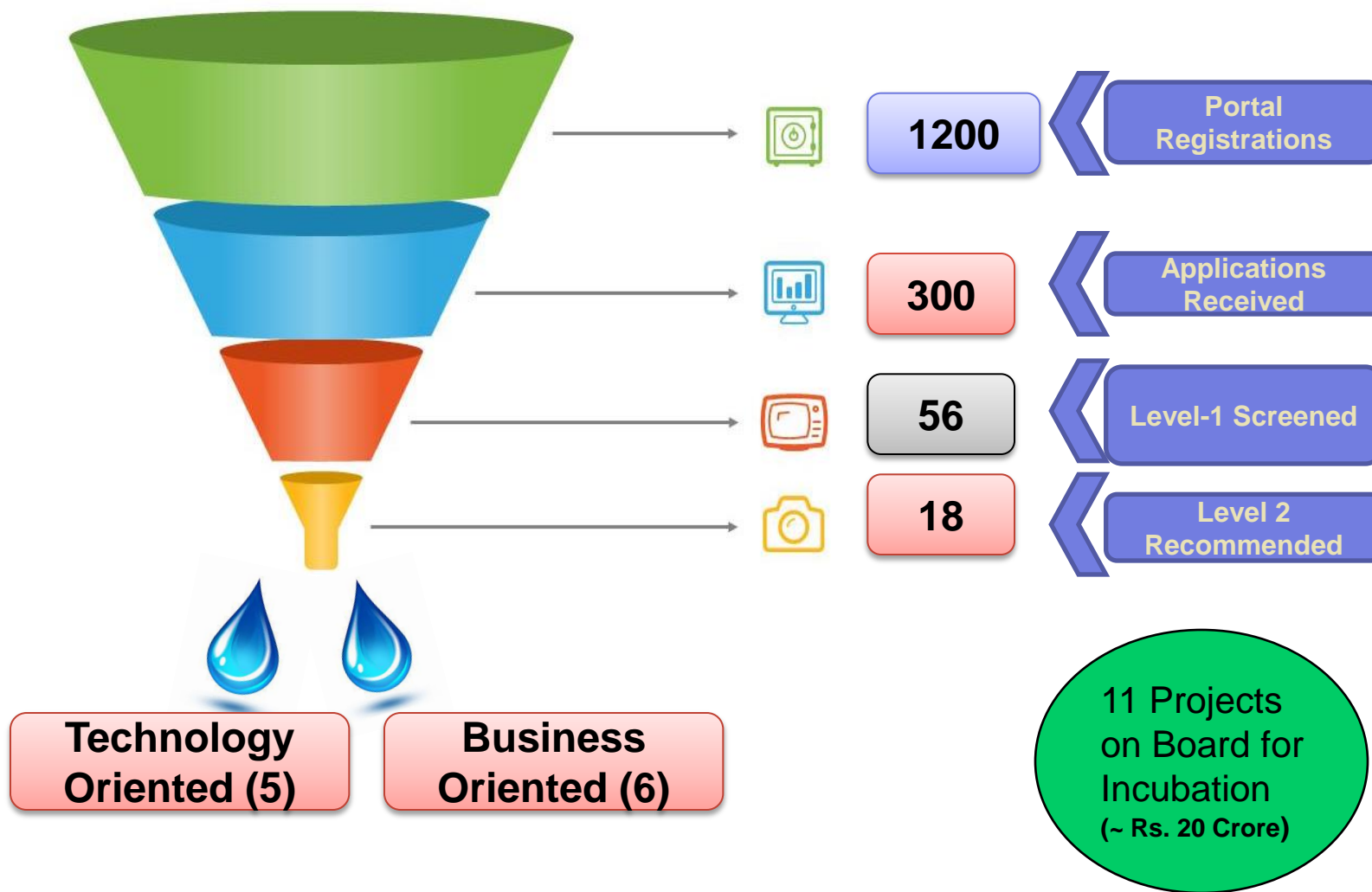
**Total - 100
Cut off - 70**

Level 2 - Presentation and Personal Interaction (Weightage %)



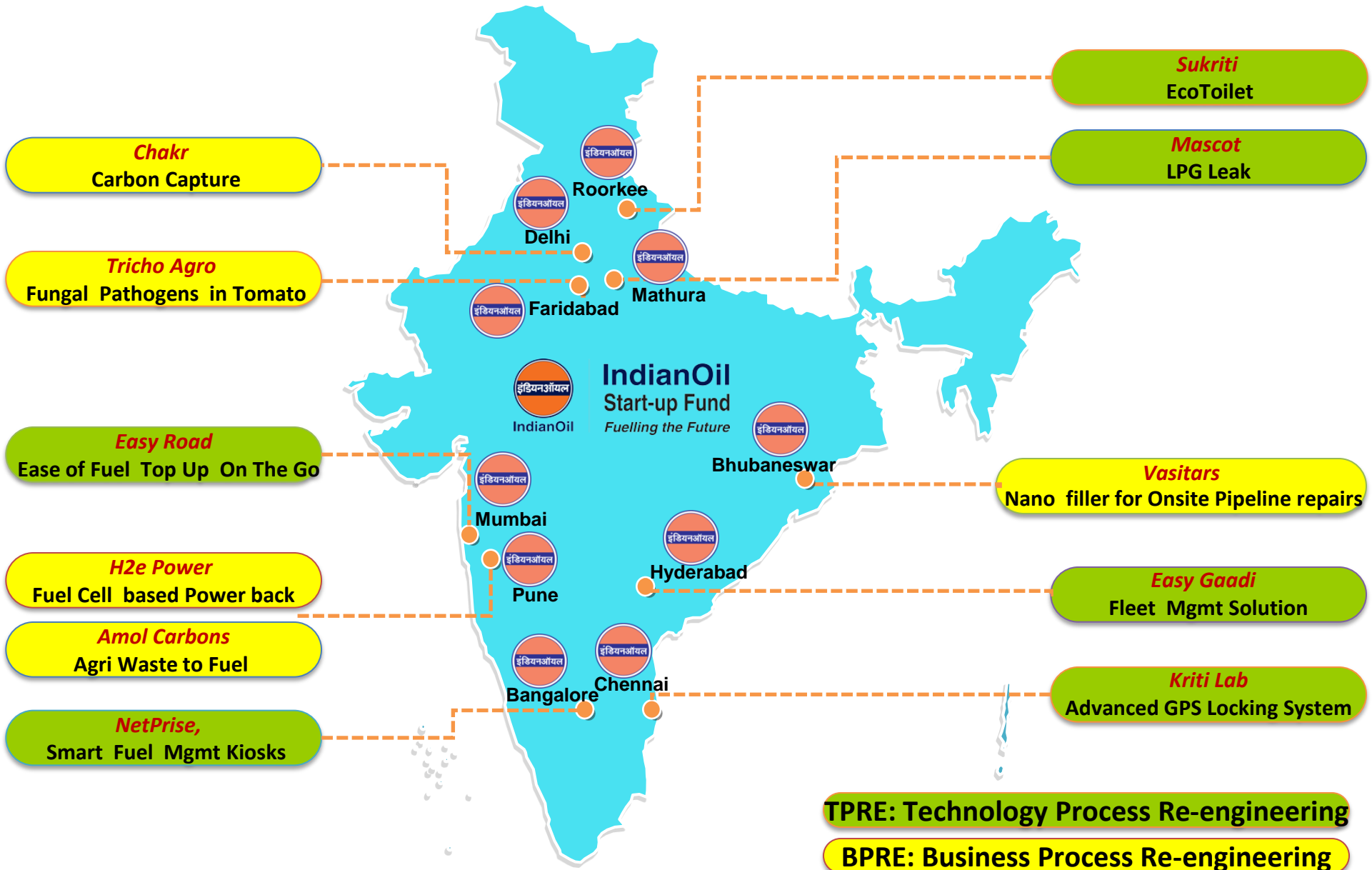
**Total - 100 , Cut off - 60
(Minimum 50% in each criteria)**

Selection Process



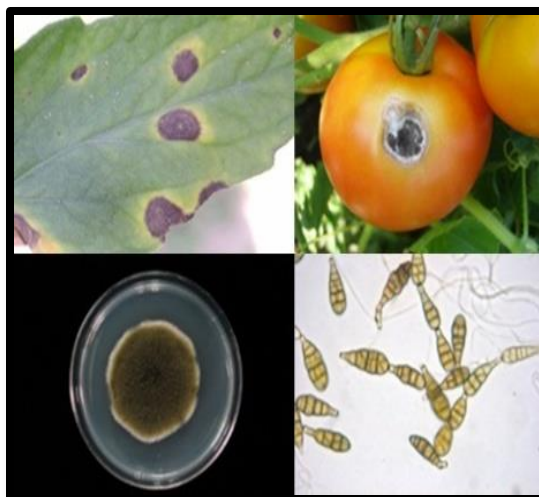
Online Portal based selection process (www.indianoilstartupfund.in)

Incubatees – Geographical Spread



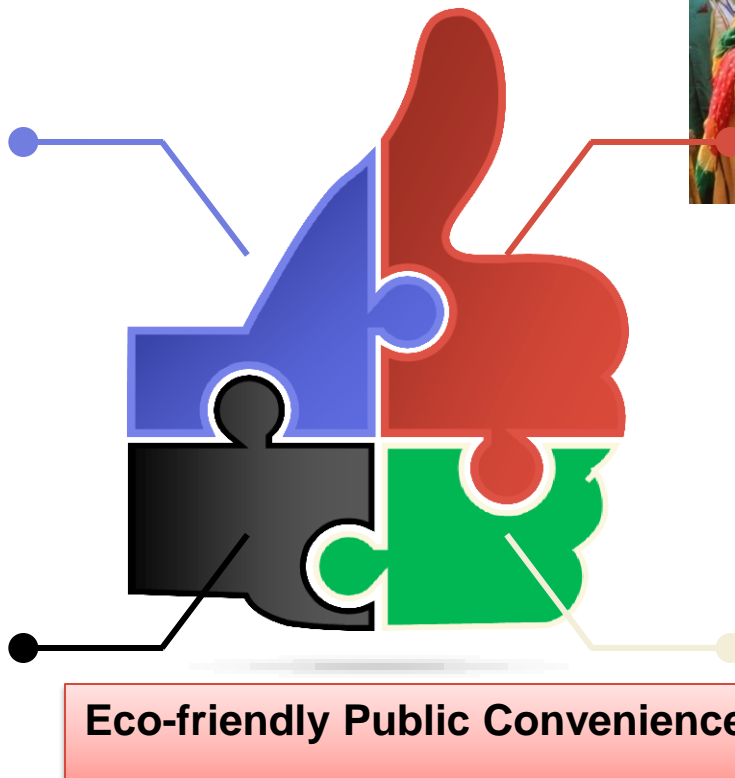
Fungal Pathogens in Tomato

All Women Entrepreneurs – Tricho Agronica, Faridabad



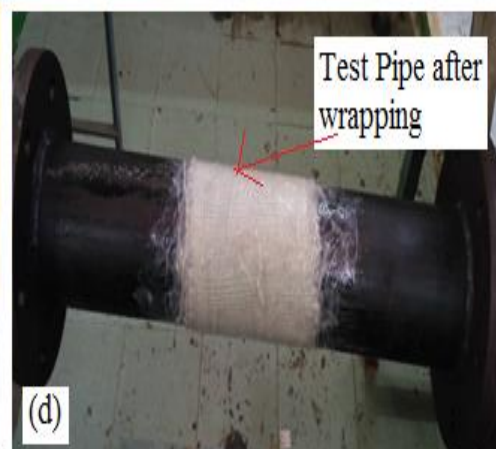
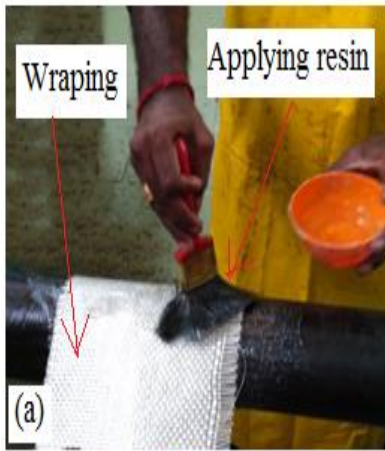
- ❑ Non chemical based formulation to reduce disease (Bulls Eye Pathogen) in tomato plant (100% organic)
- ❑ Mix of Fungi, Eucalyptus leaves & Karanji Cake in Base Oil as carrier
- ❑ Low cost solution
- ❑ Increased Crop Yield





- ❑ Invisible Sensor based Cabin Hygiene System
- ❑ Automatic sanitization & flushing
- ❑ On-site waste treatment system
- ❑ Centralized Toilet Health Monitoring System

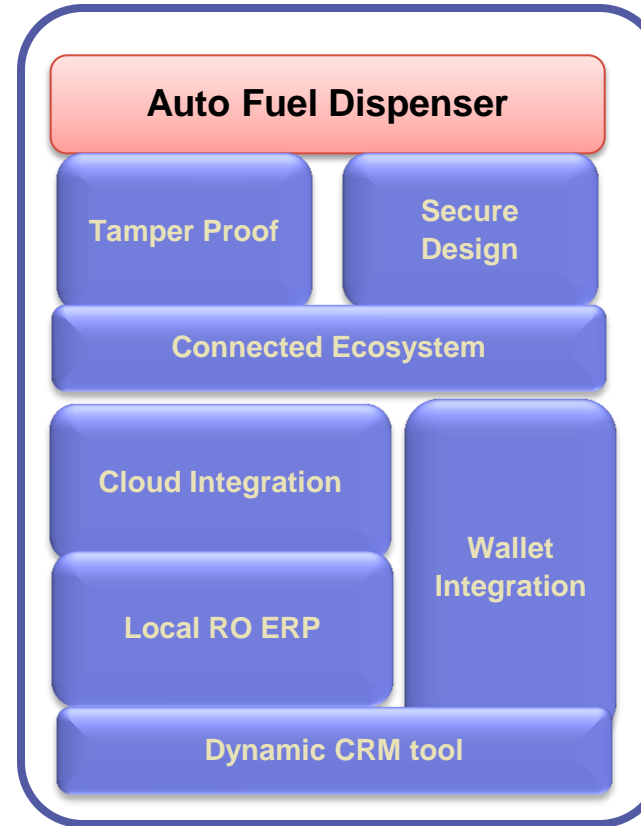
Onsite Quick Heal Pipeline Repair (Vasitars, Bhubaneswar)



- ❑ Nano Filler Polymer composite wrap for insitu repair of pipeline
- ❑ Reduced Downtime

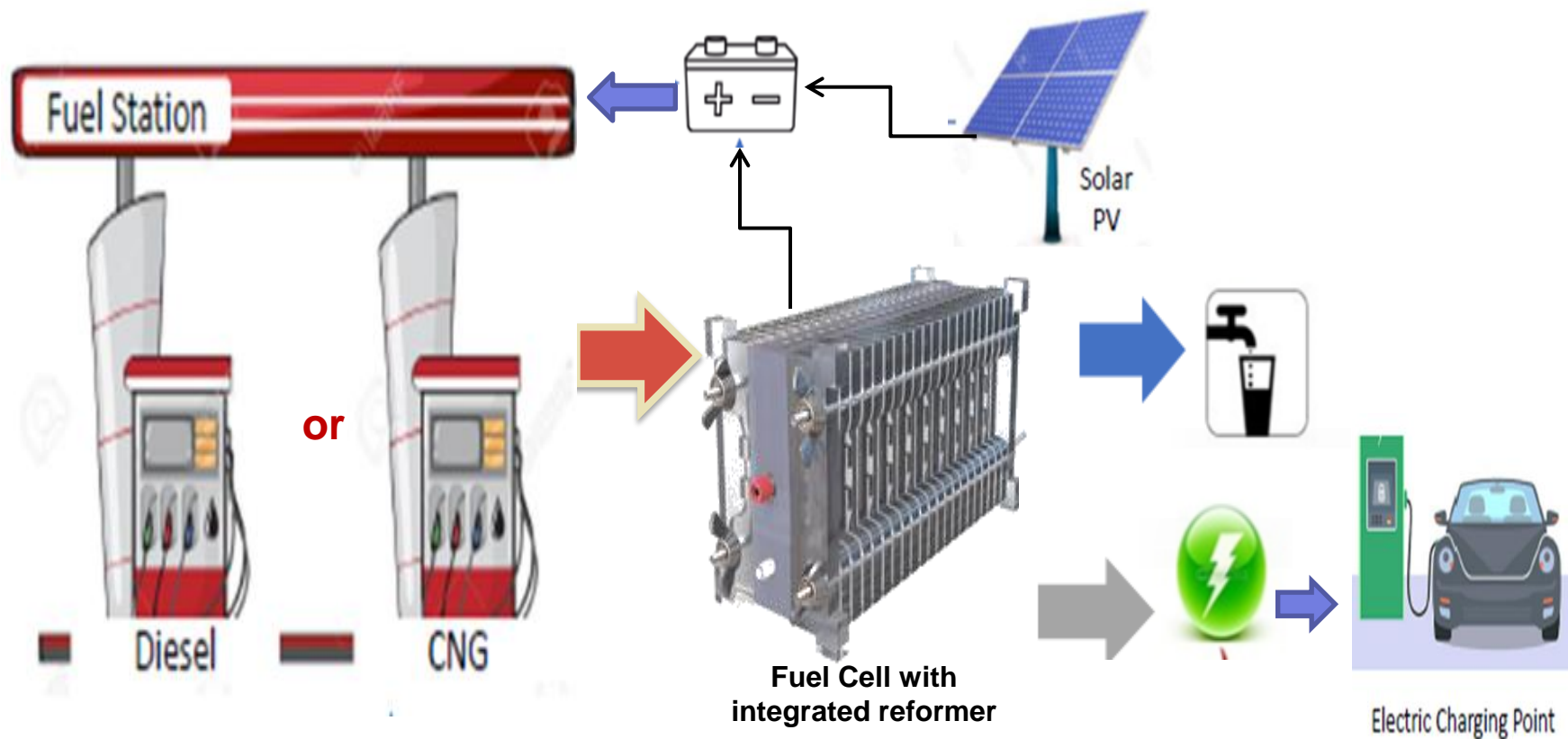
Smart Fuel Management kiosk

(Netprise Solutions, Bengaluru)

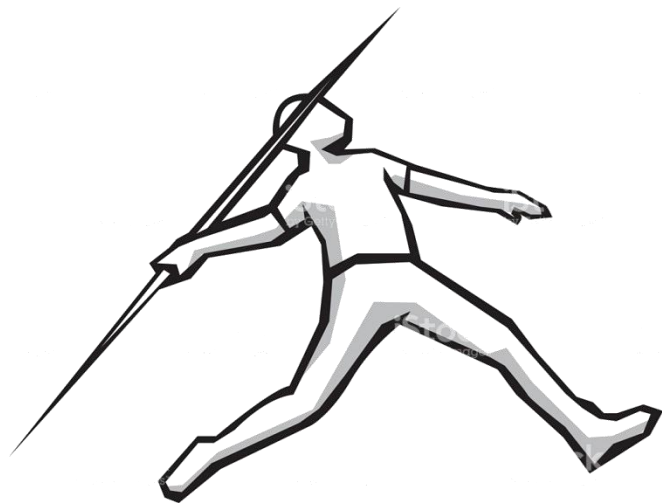


- ☐ Value for Money
- ☐ Low cost RO Automation Solution
- ☐ Customer Service
- ☐ Promotes Cashless Transactions
- ☐ Customer Delight Multiplied

Fuel Cell based Hybrid Power Backup (h2e Power System, Pune)



- Clean energy solution for EV charging and power back-up
- Highly efficient Fuel cell (electrical efficiency = 75%)
- Can operate on conventional fuels
- Clean water is discharged in the exhaust



- **2nd Round Open Innovation Challenge by June 2018**

- Fuel efficient gas stove / burner
- Low cost hydrogen production
- Used Lubricant reclamation
- CO₂ capturing
- Co-electrolysis of CO₂ and Water
- and more

.....Aiming for Next Level

Thank You

