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.
Societal Relevance
Adoption of Technology
Leveraging Internet of Things / Software as a Service
Pain Points of O&G Sector

Ideation Domains
(27)

Technology Oriented (14)
Business Oriented (13)

Architecture – IndianOil Startup
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 %)
- Business feasibility: 10
- Commercial strategy: 10
- Commercial impact: 10
- Innovation content: 05
- Technical feasibility: 05
- Relevance to Business: 30
- Risk and Mitigation: 10

Total - 100
Cut off - 70

Level 2 - Presentation and Personal Interaction (Weightage %)
- Financial viability: 30
- Technology/process/product: 20
- Innovation content: 20
- Robustness of plan: 20
- Personal interaction: 10

Total - 100, Cut off – 60
(Minimum 50% in each criteria)
Selection Process

- **1200** Portal Registrations
- **300** Applications Received
- **56** Level 1 Screened
- **18** Level 2 Recommended

**Technology Oriented (5)**
**Business Oriented (6)**

11 Projects on Board for Incubation (~ Rs. 20 Crore)

Online Portal based selection process (www.indianoilstartupfund.in)
Incubatees – Geographical Spread

- Sukriti EcoToilet
- Mascot LPG Leak
- Tricho Agro Fungal Pathogens in Tomato
- Easy Road Ease of Fuel Top Up On The Go
- H2e Power Fuel Cell based Power back
- Amol Carbons Agri Waste to Fuel
- NetPrise, Smart Fuel Mgmt Kiosks
- TPRE: Technology Process Re-engineering
- BPRE: Business Process Re-engineering

Locations:
- Delhi
- Faridabad
- Mathura
- Roorkee
- Mumbai
- Pune
- Chennai
- Bhubaneswar
- Bangalore
- Kriti Lab Advanced GPS Locking System
- Easy Gaadi Fleet Mgmt Solution
- Vasitars Nano filler for Onsite Pipeline repairs
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
Eco Toilet
(Sukriti Social Foundation, Roorkee)

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

Eco-friendly Public Convenience
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)

- Tamper Proof
- Secure Design
- Connected Ecosystem
- Cloud Integration
- Wallet Integration
- Local RO ERP
- Dynamic CRM tool

- 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
IndianOil Startup Scheme – Way Forward

• 2nd Round Open Innovation Challenge by June 2018
  • Fuel efficient gas stove / burner
  • Low cost hydrogen production
  • Used Lubricant reclamation
  • CO$_2$ capturing
  • Co-electrolysis of CO$_2$ and Water

……. and more

……..Aiming for Next Level
Thank You