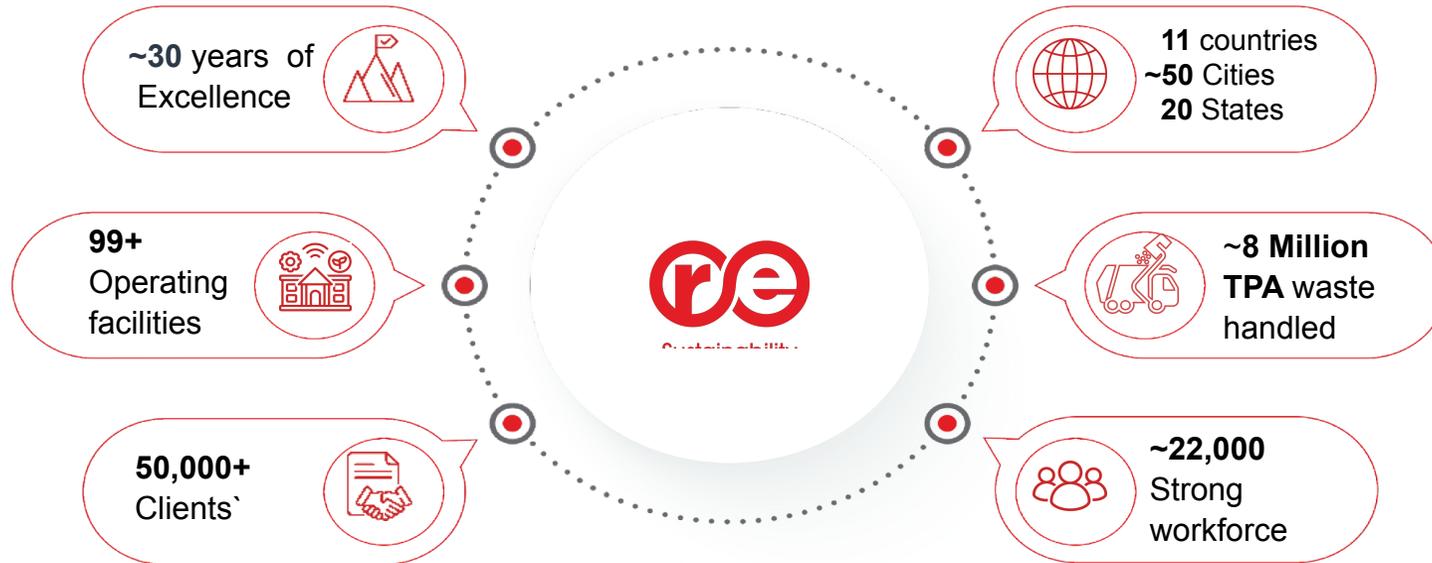




Sustainability

AN INTRODUCTION TO ReSL's ENVIRONMENTAL  
MONITORING & TESTING BUSINESS

Re Sustainability Limited (ReSL) is one of Asia's largest integrated sustainability solutions provider



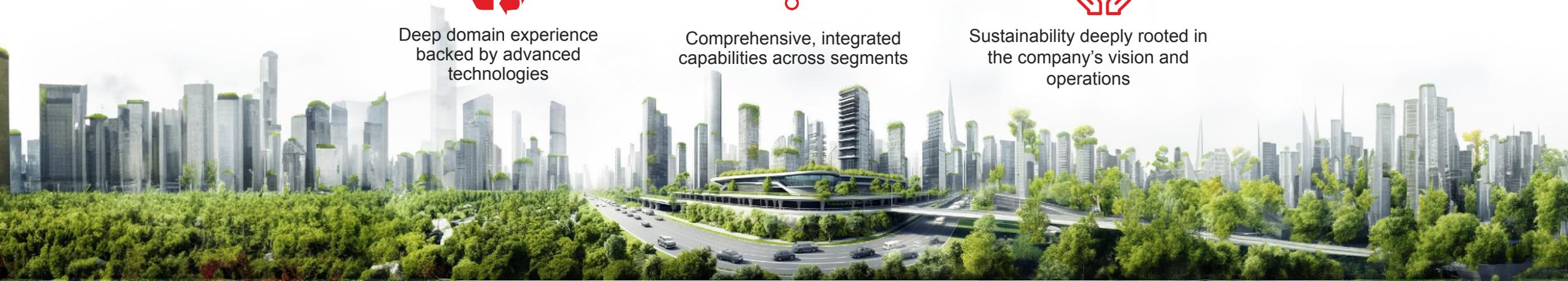
Deep domain experience backed by advanced technologies



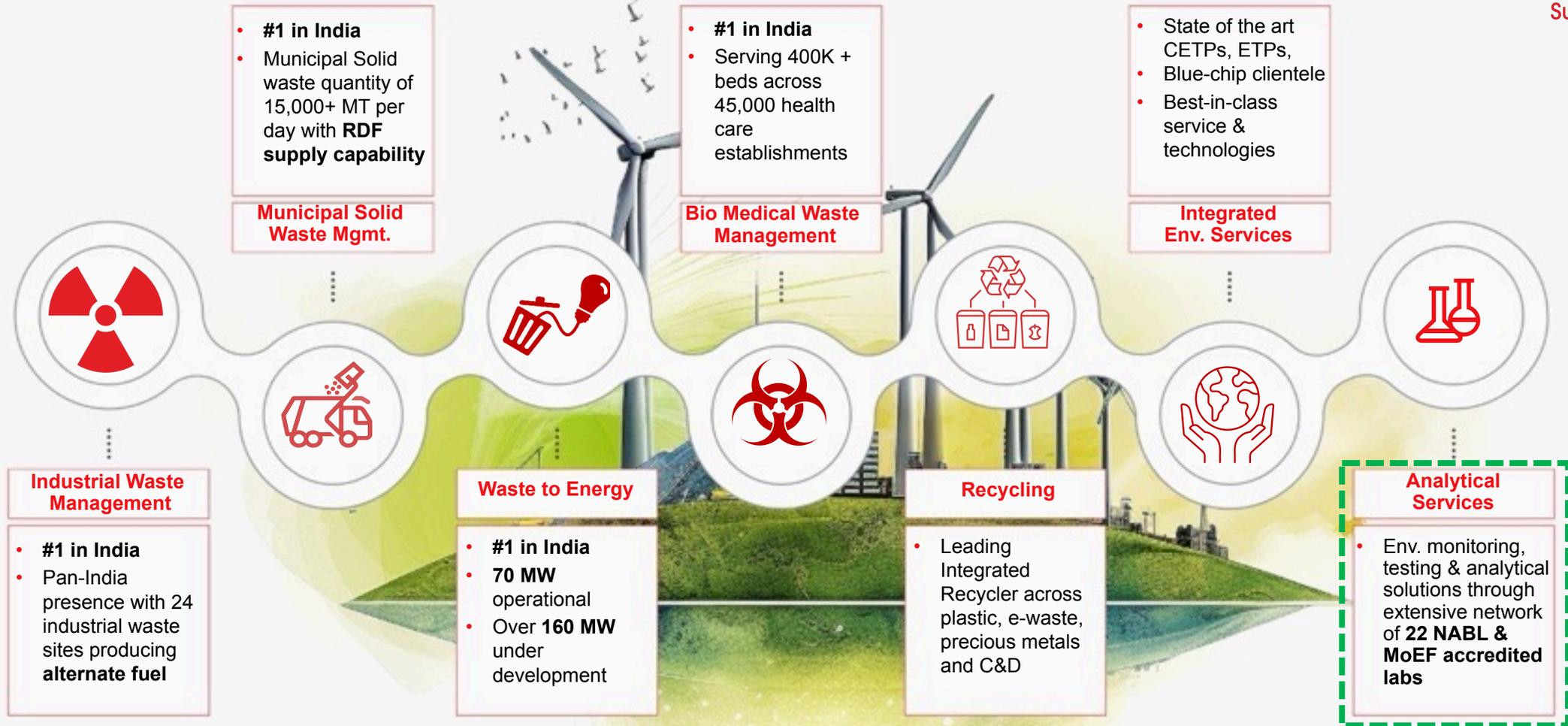
Comprehensive, integrated capabilities across segments



Sustainability deeply rooted in the company's vision and operations



# ReSL offers services across the entire sustainability value chain



# Customer Focused Environmental Monitoring & Testing Services

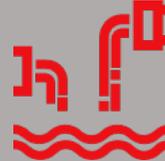


## Regulatory Requirements



Meeting environmental regulatory compliance requirements

## Non-Regulatory Requirements



Assessing the performance of process and pollution monitoring and control equipment

## Specialized Services



Environmental audit and waste management study



To comply with the Factory Act (Industrial hygiene and workplace environmental monitoring)



Corporate and social responsibility for environmental protection



## Value Proposition

1

**India's largest network of 22 NABL and MoEF accredited labs**

2

**Precision and accuracy through cutting-edge infrastructure**

3

**Complete track and trace system**

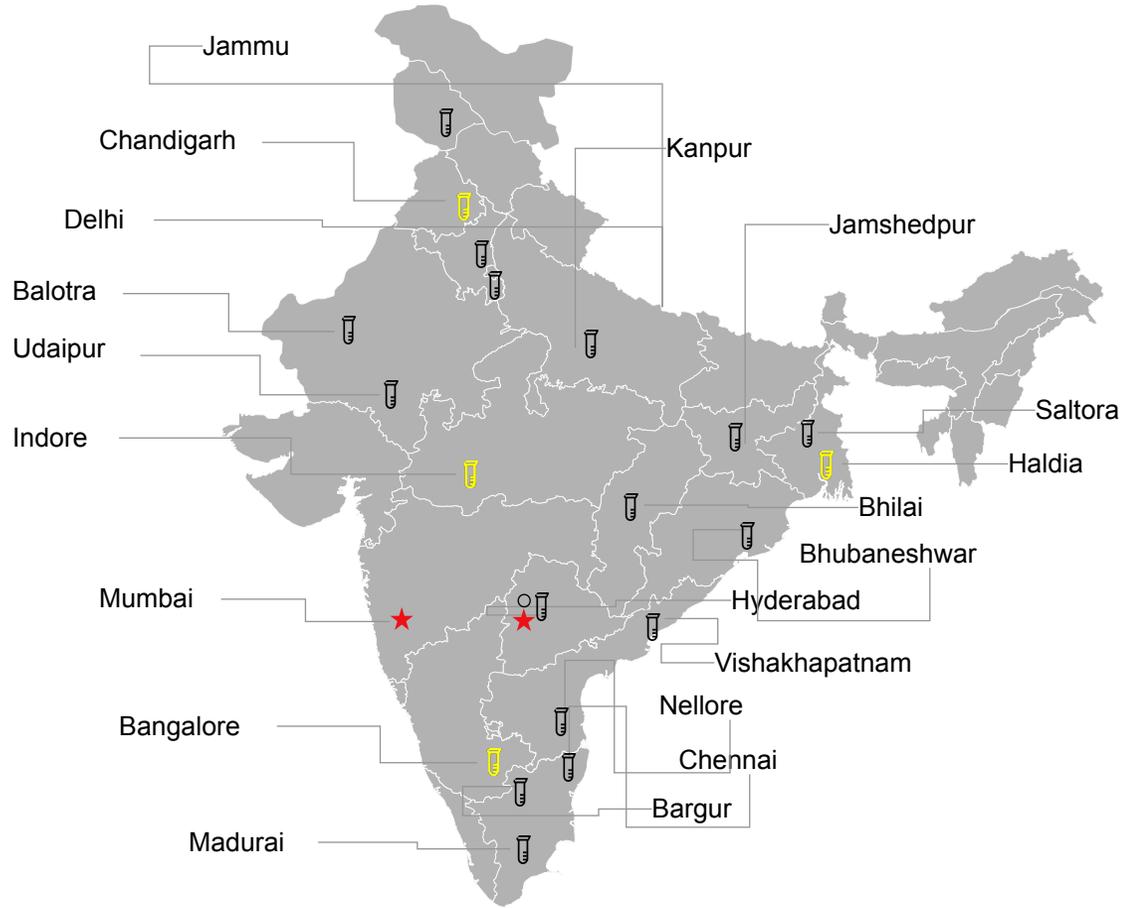
4

**Highly competent team with dedicated Key Account Managers (KAMs)**

5

**Hub and Spoke model for low TAT and better Quality**

## Network of Laboratories



### Footprint (# of facilities)

- ★ Centres of Excellence (2)
- 🧪 Hub Centres (4)
- 🧪 Spoke Laboratories (16)
- R&D Centre

## Accreditations



### Major Laboratory Instrumentation (In Lab)

- ICP-MS
- ICP-OES
- GC-MS (PT & ATD) / FID / ECD
- AAS
- Ion Chromatograph (IC)
- Elemental Analyser
- UV Vis spectrophotometer

We procure from proven analytical equipment manufacturers



The image displays a collection of logos for various analytical equipment manufacturers. The logos are arranged in two columns. The left column includes Agilent (a blue starburst icon), PerkinElmer (a blue arrow icon), ThermoFisher Scientific (the text 'ThermoFisher' in red and 'SCIENTIFIC' in black), Anton Paar (a red and grey circular icon), and METTLER TOLEDO (the text 'METTLER TOLEDO' in blue). The right column includes DIONEX (a blue square icon with horizontal lines), Metrohm (a green and blue icon), elementar (a colorful circular icon with the text 'EXCELLENCE IN ELEMENTS'), Parr (a blue circular icon with the text 'Parr'), and Takahe (a colorful dot matrix icon with the text 'Takahe analytical instruments').

# MAJOR LABORATORY INFRASTRUCTURE



## Field Instrumentation

- Iso-kinetic Sampling Train (Comply with CPCB/USEPA/EN requirement)
- Portable Flue gas analyzer
- Certified Reference Gas Analyser for CEMS/AAQMS audit.
- Dioxin/Furan, Heavy Metals, Hydrogen Halides sampling kit
- Respirable Dust Sampler (For PM 10)
- High Volume Sampler (HVS)
- Fine Particulate Sampler (For PM 2.5)
- Carbon Monoxide Monitor (NDIR)
- Stack Volatiles Organic Sampling Train (VOST)
- Photo ionization & Flame ionization detector (PID & FID)
- Organic Vapor Sampler
- Portable online Particles Monitor (Count & Mass)
- Portable Weather Monitoring Station
- Portable Wind Anemometer
- Indoor Air Quality Monitor/Analyser
- Industrial Gas Testing Equipment/Analyser.
- Portable Water & Soil testing Kit
- Water Level Meter
- Low volume & Personal Air sampler
- Integrated Sound Level Meter (Type A & B)



**Sample received**  
**STEP: 1**



**Integrity check**  
**STEP: 2**



**LIMS registration**  
**STEP: 3**



**Barcoding of sample**  
**STEP: 4**



**Distribution of sample in Lab**  
**STEP: 5**



- Customized dashboards views
- Chain of custody
- Sample preservation
- Data preservation

**Report preparation, release and invoicing**  
**STEP: 9**



**Report review and quality assurance check**  
**STEP: 8**



**Sample analysis**  
**STEP: 7**



**Instrument calibration**  
**STEP: 6**

- Notification to customer

**200+**  
Headcount

**100+**  
Years of combined  
leadership experience

**10+**  
Years of average experience  
of on-ground team

**80+**  
Skilled scientists  
and engineers

**4+**  
NABL approved  
signatory

**30+**  
Competent technical staff

## Immediate field support (Team deputation at site < 48 hours)

### Spoke Laboratories

- Sample collection
- Sample preservation
- Sample preparation
- Testing:
  - Ambient air
  - Noise
  - Stack emission
  - Water / waste water
  - Soil, sludge and sediments
  - Industrial / solid waste
- Review and report

**16**

*(Pan India)*

### Hub Centres

- Spoke capabilities +
- Add on sampling and testing capabilities
  - Critical inorganics
  - Trace metals
  - VOC
  - SVOC
  - Trace analysis
  - POPs
  - Industrial gas ...

**4**

*(Bangalore, Indore, Chandigarh, Haldia)*

### Centres of Excellence

- Hub capabilities +
- State-of-art testing facilities to perform modern tests on air, water, soil and waste materials
  - Petroleum Hydrocarbons
  - Micro plastics
  - Pesticides & residue analysis
  - Dioxins and Furans

**2**

*(Hyderabad, Mumbai)*

## Our service package for industry annual compliance requirement



S No.	Area of Services	Scope of service
1	Ambient Air Quality Monitoring (AAQM)	All 12 Parameters as per NAAQS 2009 notification.
2	Work zone / Fugitive Emission / Personal sampling	PM10, PM2.5, SO2, NOx, Silica, Welding, Acid fumes etc.
3	Noise Monitoring	Ambient Noise, Source Noise, Area Noise, Personnel Noise
4	Noise Mapping (Area)	By Using Selective Software
5	Continuous Ambient Air Quality Monitoring Systems (CAAQMS)	Maintenance & Calibration
6	Stack Emission Monitoring	PM, SO2, NOx, CO, HCl, HF, NH3, Metals, Acid mist, VOCs, PAH, Dioxin & Furans etc.
7	Continuous Emission Monitoring Systems (CEMS)	Maintenance, Calibration & Audit
8	Water Quality Monitoring	Physical, Chemical (Organic, Inorganic, Metals), Microbiological Parameters & Flow measurement
9	Online Continuous Effluent Monitoring Systems (OCEMS)	Maintenance, Calibration & Audit
10	Performance Study of Pollution Control Equipment	Measurement of Velocity/Flow, Temp, Pressure, Moisture, Gas density, Particulate & Gaseous concentration
11	Baseline data collection related to Process tuning & retrofitting	
12	Waste & Sludge Analysis	Comprehensive Test (more than 90 Parameters), TCLP
13	Used Oil & Waste Oil	As per Schedule 5 & 6
14	Coal, AFR, Fly ash / Bottom ash	Ultimate, Proximate & Chemical
15	Industrial Hygiene Study	Personal Exposure, Noise, Heat, Vibration, Ventilation etc.
16	Industrial Gas Testing Services	To meet the requirements as per various standards like ISO/ EP/ USP
17	Leak Detection & Repair Study (LDAR)	To comply as per Method 21 requirements
18	Atmospheric Corrosivity Monitoring	To comply ANS/ISA, ASHRAE, ISO Standards
19	Emerging contaminants	PFAS (Per- and poly-fluoroalkyl substances), Active pharmaceutical ingredients (API), Personal care products (PCPs), Micro plastics

Reach out to us!

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# Q&A Session



Sustainability

Connect with us now!  
**SCAN HERE**





**Re** Imagining the Future