### POLICY AGENDA

- Based on the recommendation as part of the National Action Plan on Circular Economy – **extending into a National level policy on reuse of bio-solids**
- Establishing a **body at the ULB level which is responsible for the reuse aspects** – governance reforms in the ULB structures
- Extended Producer Responsibility – on the quality of bio-solids generated
- Integrating the economics of bio-solid standard testing and reuse – within the CAPEX and OPEX estimates of FSTP/STPs

### RESEARCH AREAS

- **Characterization** –
  - virtual bio-solid pathway modeling
  - Determining reuse potential
- Charting out the **quality and quantity of bio-solids** being generated from different treatment systems
  - Building a **decision matrix**
  - **Linking influent and effluent bio-solids streams** using appropriate technologies
- Standardizing protocols and SOPs for bio-solid testing in labs, etc.

### COLLABORATION

- Agriculture Universities/IARI/MNRE
- Local Bodies/ ULBs/KRCs
- SPCB – as a monitoring and regulatory body at State level
- Capacity building
- Rural departments/ Panchayati Raj
- IFFCO/Industries – need to absorb the higher value products from treatment (chemicals, acetic acids, etc.)
- Agricultural cooperative societies/ Krishi vigyan Kendra
- Community groups/ Farmers Associations/ SHGs
- Start-ups and innovators/ entrepreneurs in finding options to advance circular economy
- International research institutes (Columbia University)