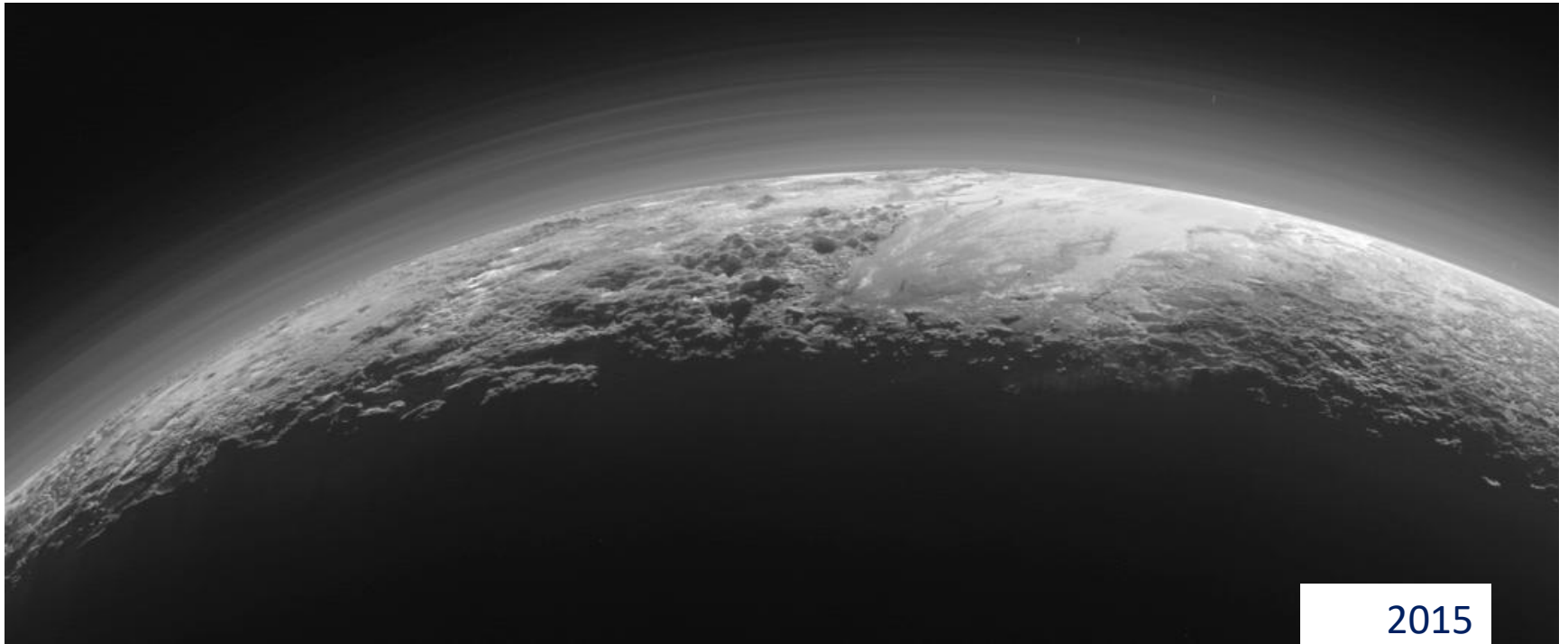
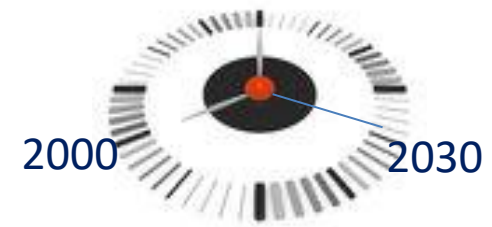


Vision 2030 - Quality Horizon



2015



By,
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Director-Bengaluru Complex, Bharat Electronics Limited

Quality, Technology & Innovation



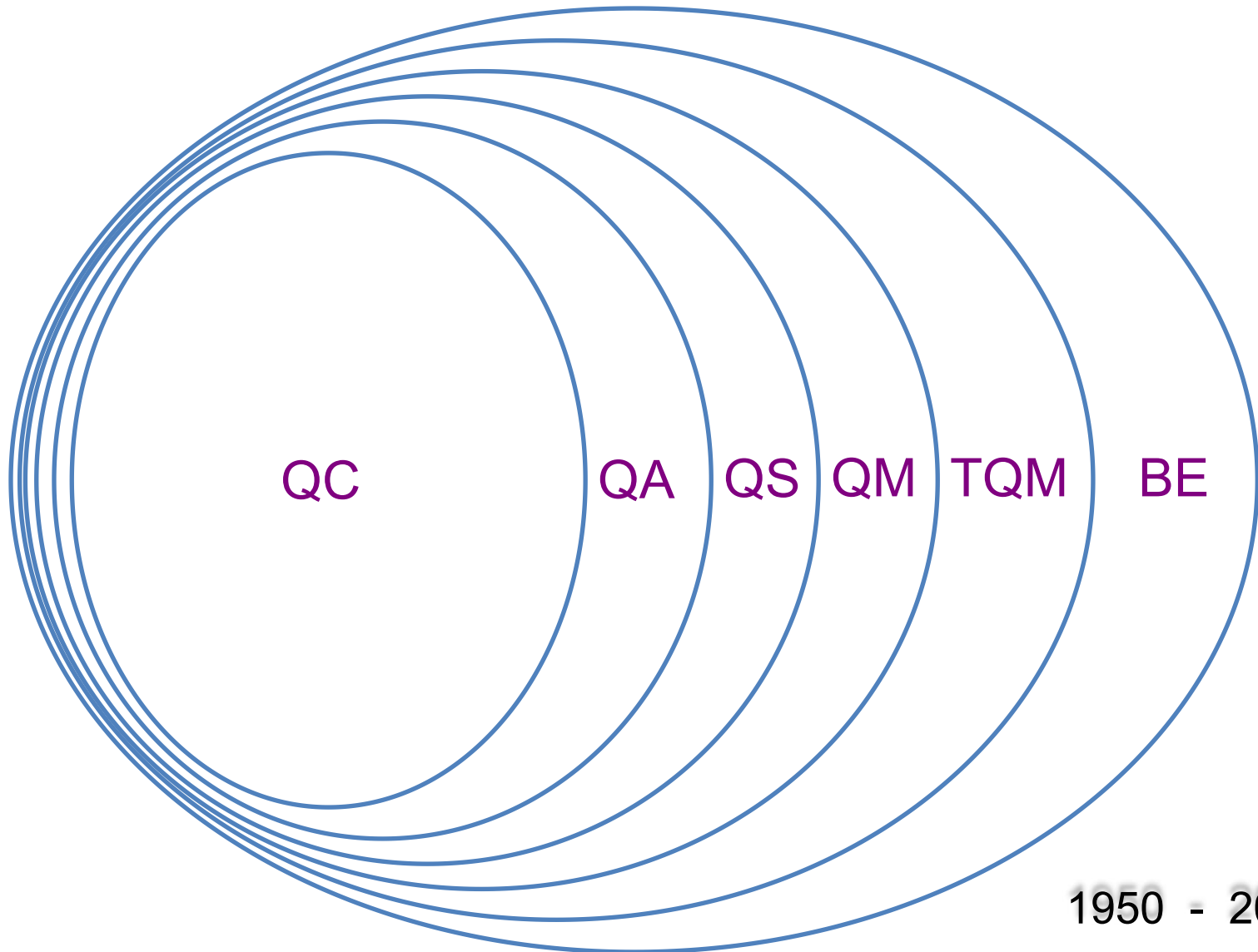
- Technology & Innovation, the great differentiators, find their application in business through the system of Quality

Steel is cast in cement to provide desired strength.

Technology & Innovation are cast in Quality to have a meaning in business.

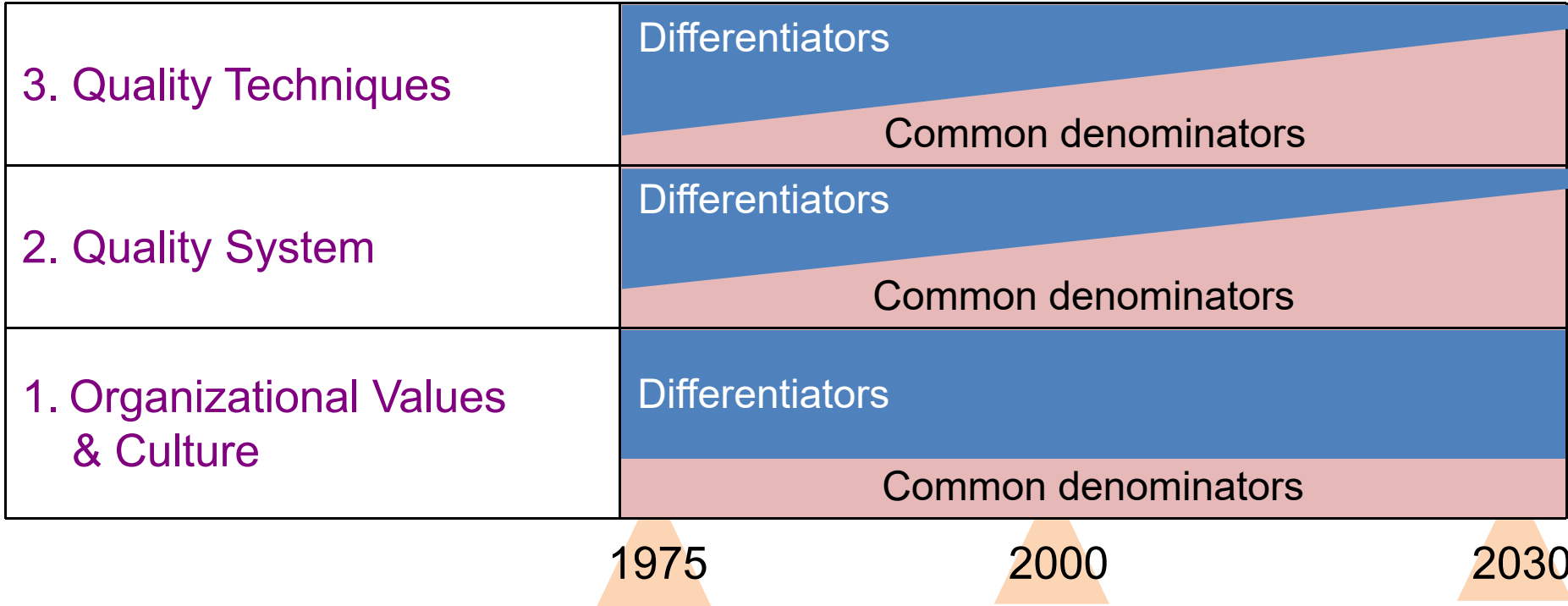
- With change in Technology, Quality system also changes, but core concepts are eternal.

Quality Orbits



‘ Total Quality’ is the confluence of three streams:

3. Quality Techniques	QFD, Reliability, Six sigma, Process control, QCC, etc.,
2. Quality System	Body of knowledge, Standards, Structure, Infrastructure, Processes, Procedures, Skill, Information system, etc.,
1. Organizational Values & Culture	Integrity, transparency, commitment, consistency, mutual respect, Customer focus, 5S, etc.,



**Where the vision is one year,
cultivate flowers**



**Where the vision is ten years,
cultivate trees**



**Where the vision is eternity,
cultivate people**

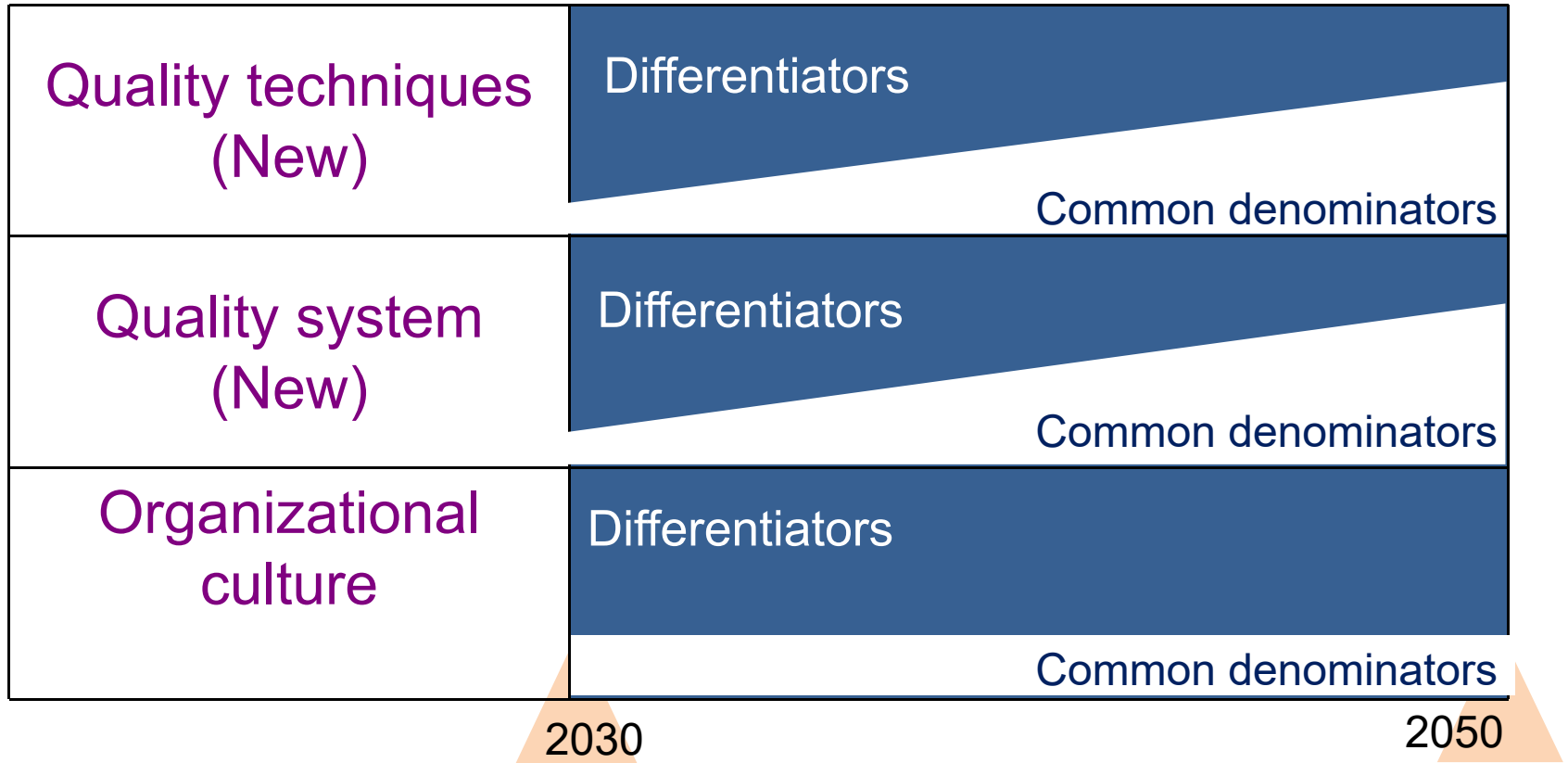


Paradigm Shift

(2010 - 2030)

- Software dominance
- Big data analytics
- E business
- Artificial intelligence
- Machine learning
- Automation
- Simulation
- Cyber security
- Additive manufacturing

- These shifts will change :



Quality competency acquisition
will change from
a key process to a strategic process,
a key differentiator

New challenges will include :

- New subjects –

Big data analytics, Artificial intelligence, Machine learning, Simulation, Cyber security, etc.

- Need for collaborative approach
- Fast pace

Way forward :

- Organizations to be at ease with changes.
- Desirable that bulk of the brand strength grows out of trust (values & culture) which is insulated from fast paced change.

In a time of drastic change, it is the learners who inherit the future. The learned find themselves equipped to live in a world that no longer exists.

Thank You