

**Capacity building frame work
for SAARC region for utilities
in small, medium, large and
buildings. commercial**

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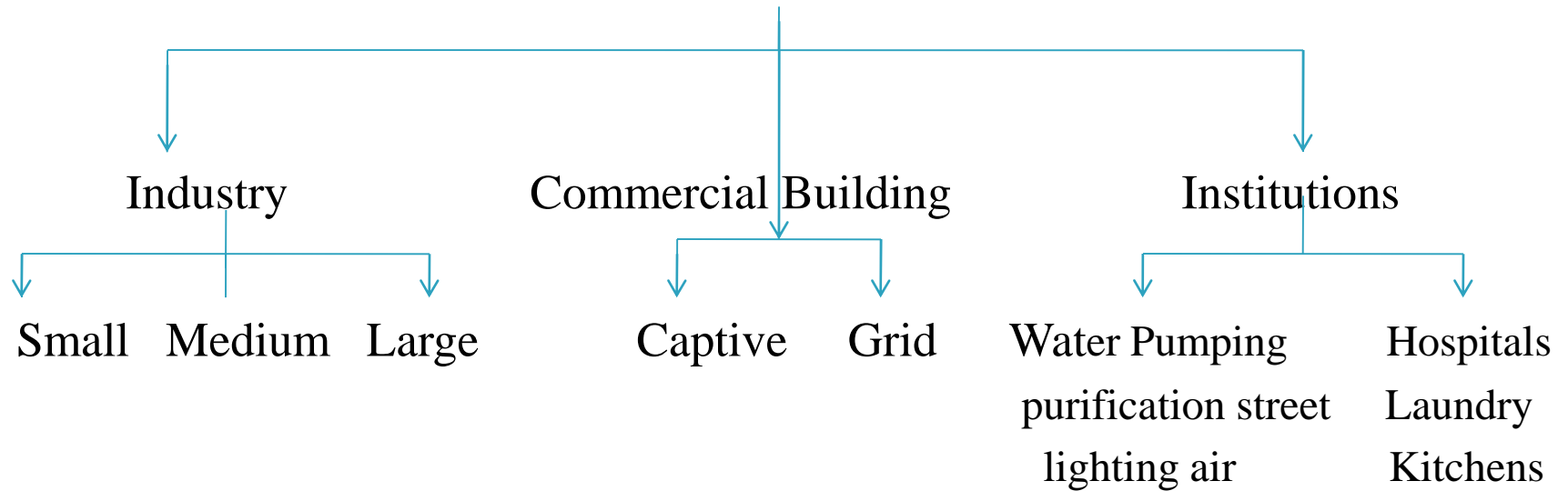
SWOT for SAARC : -

Strengths	Weakness
Monsoon / Bearable climate	Capital
Day Light / Night defined	Foreign exchange
Manpower happy at incremental manpower	Disciplined
Life standard adjustable	
Bio mass availability	

- ▶ Challenge: - Affordable power to bottom of pyramid.

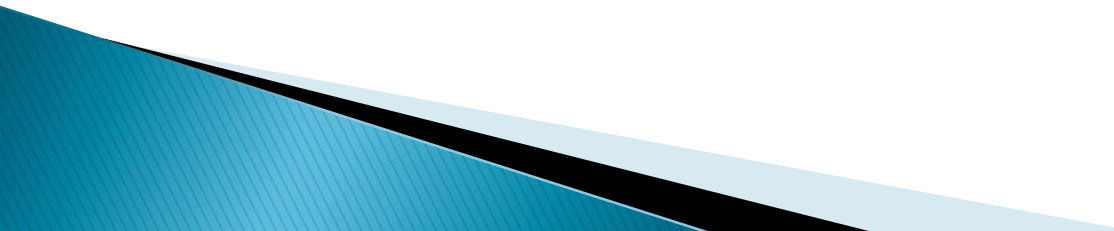
Stake Holders

Users of Utility



External Consultants , Cluster Consultants Air.

Budgets

1. Owner – Cost cutting, expects returns 6-8 months.
 2. Medium – Large – Acquiring energy / cost efficient assets.
 - Banks
 - ESCO
 3. External consultants: - Capability – Instruments and manpower.
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External consultants for small & medium scale

1. Audit subsidy by regional approved consultants.

Strengths

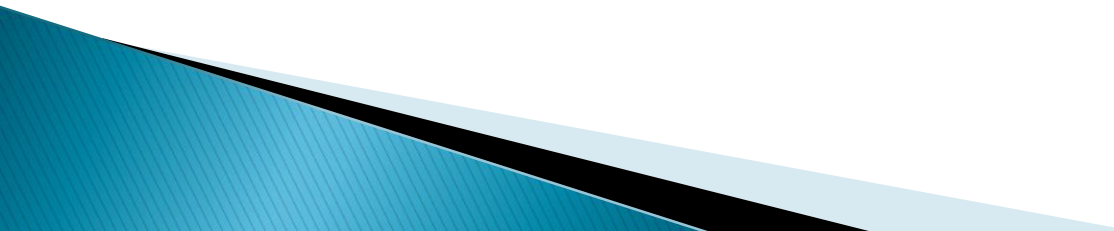
- a. Local travelling
- b. Instruments limited.
- c. Service during implementation
- d. Local language.

Weakness

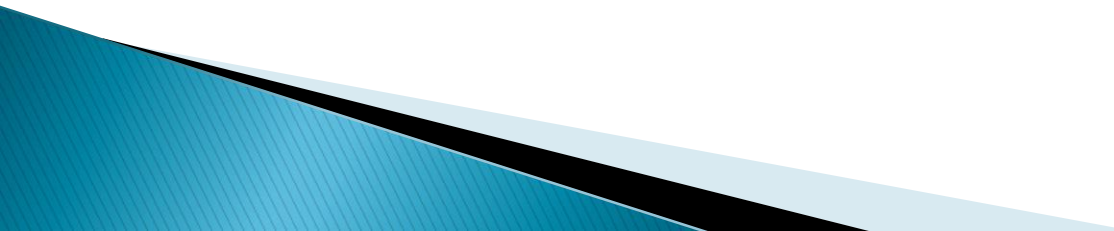
- a. Knowledge limited
- b. Instruments funding

PCRA, MEDA, GEDA.

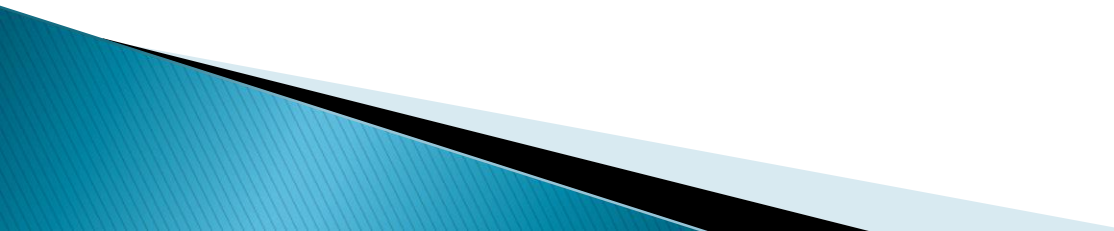


2. Career – Sustainable - Post retirement.
2-5 PM Half day
 3. Association of regional industries / chambers of commerce / clusters.
Secretary – combined expenses.
 4. Exhibitions: - Posters, equipment manufactures.
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Large industries and institutions.

1. Competitions – National level.
 2. Norms.
 3. Carbon credits / CSR.
 4. Pat scheme.
 5. Global perspective – Balance sheets – Assets.
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Focused Seminars.

1. Boilers / steam traps / Thermic fluid units.
 2. Pumps – VFDS – Blowers.
 3. Capacitors / Transformers / Hydraulic systems.
 4. Product Labeling for commercial.
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Time Line

1. 1980's – 95 – 2007.
2. BEE's experience – 2003-2013.

Conclusion

- ▶ To bring in substantial impact on national scale.
 1. Multi prong approach is needed.
 2. Coordinators have to travel lengths and breadths of the country.
 3. Results are worth the efforts.
 4. About 10 years programme would be adequate to build capacity.
 5. More interactions within community would be essential.
 6. External grants can grant autonomy and bring effectiveness / speed.
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