











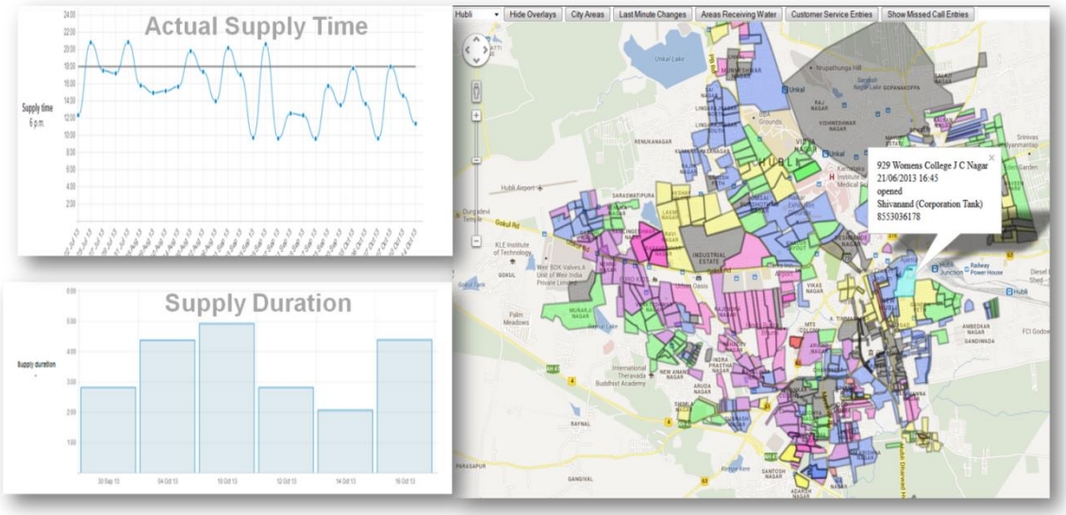


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Mobilized Water Citizenship

NextDrop Human-Sensored Smart Grid

Dashboard with a Simple interface





Easy to use

Valveman calling the NextDrop IVR to provide information on the valve operations

IVR

The real time data dashboard accessible as an online software to all Engineers



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Feedback

Updates regarding delayed supplies due to power outage, pipe damage, cancelled supplies and regular water supply timings are notified





End Result:

-Engineers save a lot of time for more productive work

-They have all the information required to take right decisions at the right time

- Citizens are happy receiving timely updates on water supply – makes their life easier!

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Happy Citizens!!!

As a result…

- Improved access to water supply for about 25,000 households in Hubli-Dharwad.
- By combining reservoir and valve monitoring services, engineers reduced low pressure problems to over 15,000 households.
- Established a baseline of the level of service in Bangalore and Hubli-Dharwad in terms of duration and frequency of supply.
- Receiving consistent information and improved performance from over 100 valvemen.
- Verified from customers that 85% of water delivery information reported by the valvemen was accurate.

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Why this approach?

Uses existing infrastructure = Very less investment

Technology is really simple = Easy to grasp & Use

Minimal roll out time = Start using it immediately

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Challenges?

- Human powered and hence the accuracy is only 85%
- Regular follow ups required

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Thank You!

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