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Work

FOG COMPUTING SOLUTIONS FOR ANOMALY DETECTION

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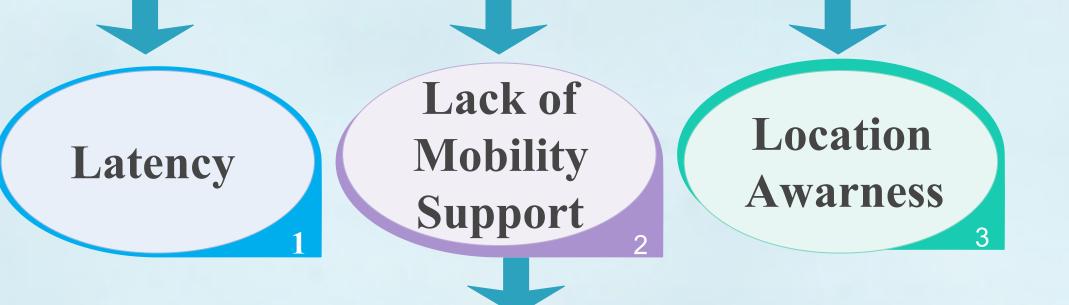
Vast majority of interent-enabled devices and the expansion of IoT devices that will be connected to the internet.

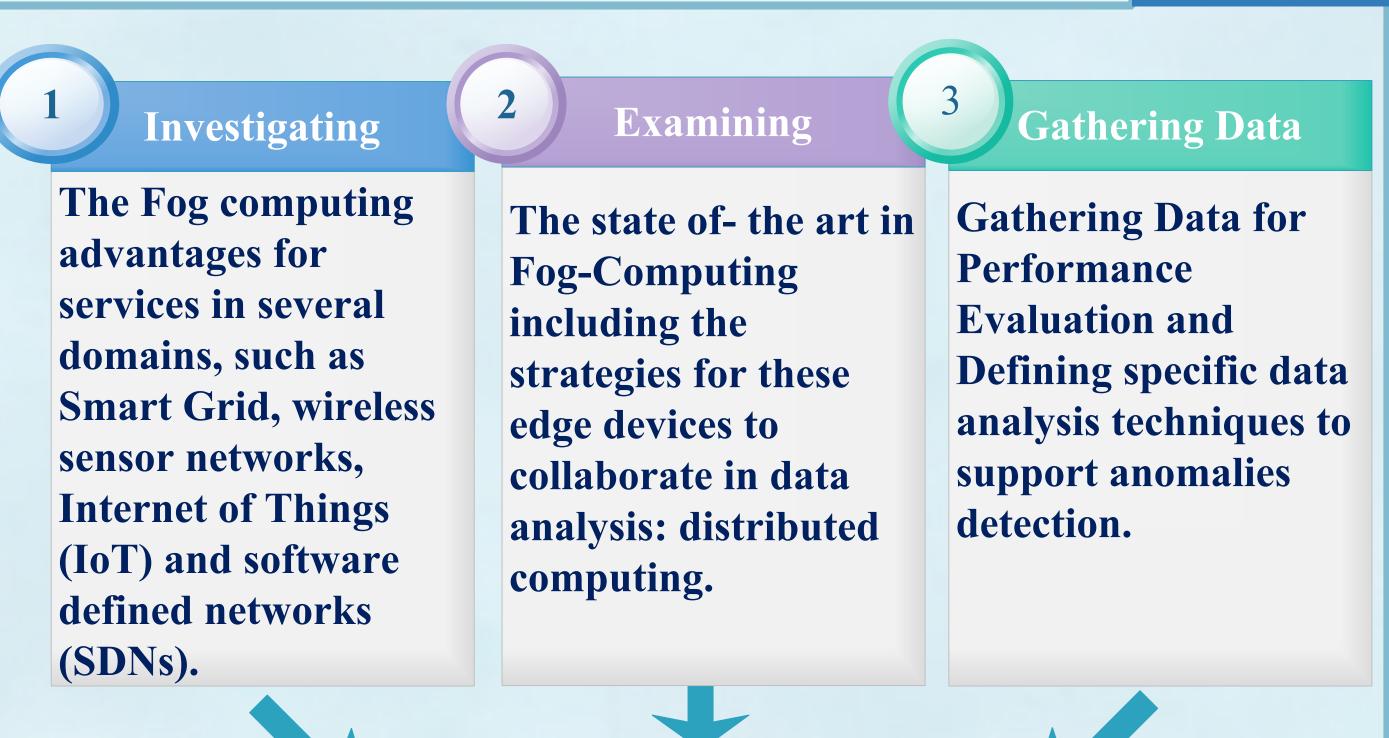
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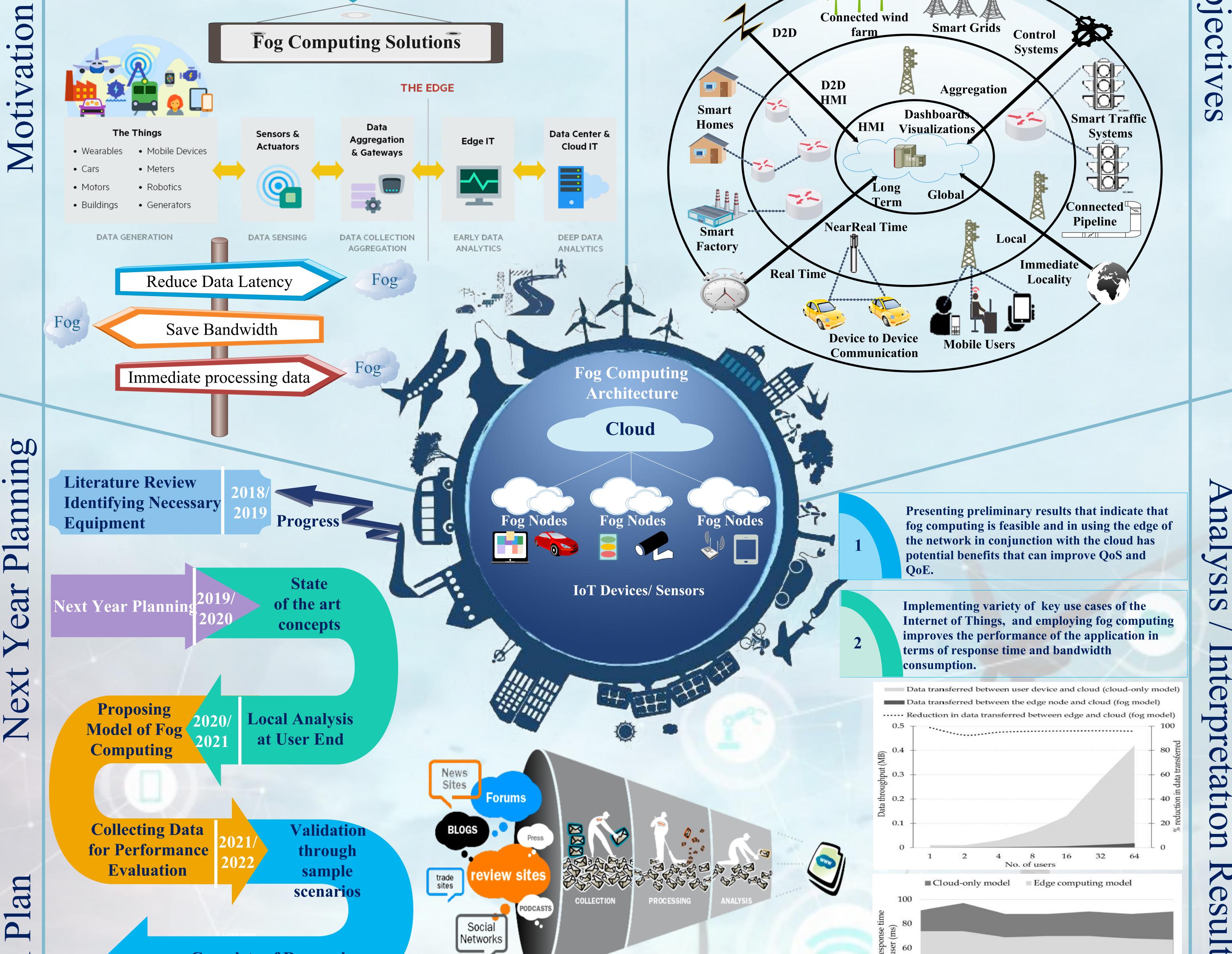
Challenge

Immense volume of data will transfer between the cloud and data sources.

The current cloud computing models may not encounter any bandwidth issues and can't cope with these amount of data







16

No. of users

32

for a 40

20

Complete of Research PhD Document Preparation

Data Gathering for Analysis and Interpretation

References

[1] Okay, F. Y., & Ozdemir, S. (2016). A fog computing based smart grid model. In Networks, Computers and Communications (ISNCC), 2016 International Symposium on (pp. 1-6). IEEE

[2] Wang, Y., Uehara, T., & Sasaki, R. (2015). Fog computing: Issues and challenges in security and forensics. In Computer Software and Applications Conference (COMPSAC), 2015 IEEE 39th Annual (Vol. 3, pp. 53-59). IEEE. [3] Stojmenovic, I., & Wen, S. (2014). The fog computing paradigm: Scenarios and security issues. In Computer Science and Information Systems (FedCSIS), 2014 Federated Conference on (pp. 1-8). IEEE. [4] MAGOS. (2018). Secure SMArt Grid using Open Source Intelligence. Irregularity Detection in distributed data sources and data processes. Sub-project university of Vigo, 2018 I&C Lab. AtlantTIC Research Centre. Universidade de Vigo. [5]Dastjerdi, A. V., Gupta, H., Calheiros, R. N., Ghosh, S. K., & Buyya, R. (2016). Fog computing: Principles, architectures, and applications. In *Internet of Things* (pp. 61-75)

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