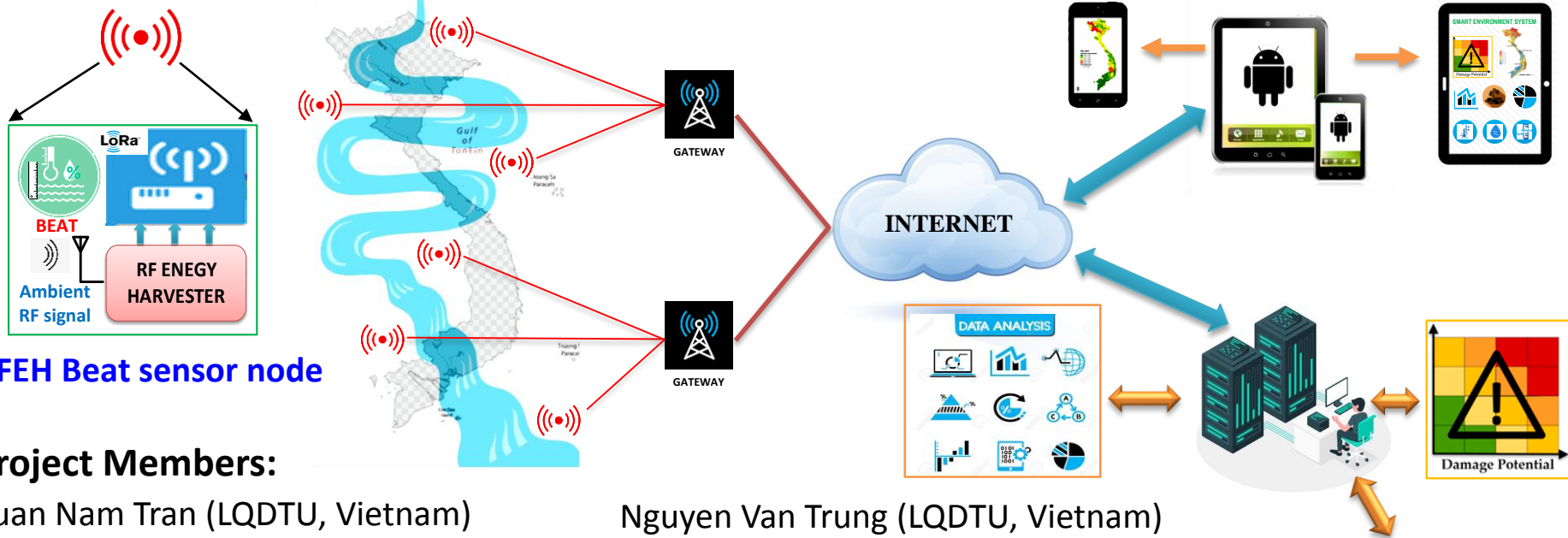


Introduction:

This project is to develop a low cost, real-time drought monitoring and early-warning system based on Internet of Things (IoT) for river basin regions of Vietnam. The developed system will combine the advanced technologies of Beat sensor, LoRa, cloud computing, data analysis, RF energy harvesting and web/Android based application to provide a smart environment monitoring platform, which can provide timely warning to reduce the impact of drought in terms of both economic loss and human health.



RFEH Beat sensor node

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Drought hazard map