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South Essex LoRaWAN Network

LoRaWAN Update

- **Background:** The South Essex Digital Programme secured funding from Highways England to deliver a South Essex Council owned IOT Long Range Wide Area Network (LoRaWAN) across South Essex
- **Procurement:** Procurement exercise has been completed and a delivery partner namely Abzorb has been contracted to design and deliver this network.
- **Delivery:** Delivery of the LoRaWAN Network will commence in early February 2024 with an anticipated completion in early September 2024.

LoRaWAN Next Steps

Next Steps based on Collaboration:

- Engagement with Digital Essex
- Outcome Workshops (February/March)
- Development of 4-5 Pilots/Projects
- Engagement with UCL and London Legacy
- Engagement with Higher Education
- Engagement with Highways England

Key Outcomes

- Delivery of public services through the deployment of council owned and managed sensors which will be a key component in collecting data across South Essex (environmental, transport, independent care)
- Enable South Essex to share data with other public bodies and academia which will inform future policies and strategies – environmental, transport, health
- Enable South Essex to share data with centres of education – support local coding initiatives and promote digital skills amongst young people
- Stimulate digital innovation and economic growth, providing local businesses with a test bed to pilot innovative ideas and solutions that can benefit communities
- Develop opportunities to collaborate with other public sector bodies who own and operate LoRaWAN Networks including Norfolk and Suffolk County Councils in the East of England