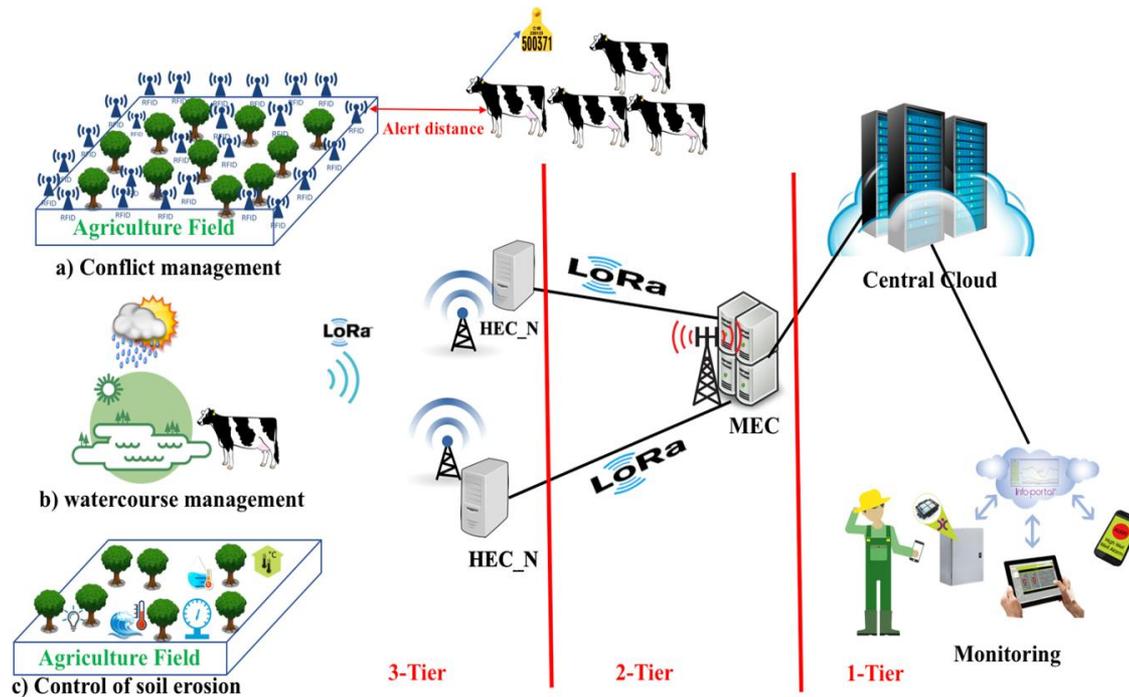




Title: Use cases proposal for the development of smart agriculture, health, and livestock in developing countries in West Africa (Senegal)



As a solution to focus on the Key sectors of development, the Internet of Things (IoT) is used to solve the issues concerning smart and sustainable agriculture in developing countries (Senegal).

- ☐ Necessarily depends on:
 - Water and soil erosion control
 - Livestock management, etc.
- ☐ Hence, these main technologies are required:
 - IoT Systems
 - Edge Computing architecture
 - NerveNet system
 - Low-Power Wide-Area Network (LPWAN)

Architecture Proposal for Smart Agriculture, and breeding based on a three-tier System (HEC_N)

Partners

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