Data Sharing among Local Fishermen in Ghana

This oral presentation is to address UN Ocean Decade Challenges 8, 9 & 10 which focuses on digital representation of the ocean , create skills , knowledge, technology for all , and Change human relationships with the ocean . It focuses on SDGs 9 & 14 which is centred on industry , innovation and infrastructure, and life below water. This poster focuses on An advanced app for the Fisheries Enumerators and Local Fisherman in Ghana to replace the old ODK app for data collection The Sea Rock App features includes: i. Every Enumerator would be given a unique number and any data submitted to the FFSD team would be easily identified by their names. ii. Any Enumerator that lost his Phone can retrieve their data when they login with their credentials iii. The app has a species button, where the picture of the species can be search through the internet or a fisheries database displaying the Binomial nomenclature from Kingdom to Species. iv. The Inbox button display messages from the Ministry, FSSD and other Agencies working hand in hand with the Enumerator. v. The landing sites button display information about every detail of the landing sites including the Region, district, landing sites names and the species mostly found on that landing site. The Enumerator can set it landing site where He/ She mostly operate. vi. The chat button, the Enumerator can communicate with app developers about any upgrade that is needed to be added. vii. The Fishes life button would be connected to a database of documentaries where the Enumerator can watch all the videos concerning the species caught on their landing sites and across the globe. viii. The catch button would display the Fishing unit, duration of the trip, binomial classification of the species caught, nature of the sea, species catch in sizes and Geographic point (GPS) where the species is caught. This Sea Rock Base App would be connected to the Internet where GPS, google map location, longitudes and latitudes would be displayed automatically. xi. The Effort Button, The Enumerator would enter number of fishing units that went on fishing, the monthly frame unit, boat coefficient, automatically GPS generated with the internet. The Setting Button, the enumerator could change his personal information

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