The Digital HealthCare Journey
Where are we now?
Tomorrow and Beyond

SAUDE NA FAMILIA PROGRAMA
#LeaveNoOneBehind

- Joint integrated teams composed by health professionals – a doctor, a nurse and a midwife
- Utilising a tool of which the way we dispense health services
- Bring health services to every single household across the whole country
- Assessing the health condition of individuals and families, recording the overall demographic and environmental context in which people live in. (Risk factors, hygiene characteristics at the household level, socio-economic factors impacting families and individuals, and the overall household conditions).
- Data - allow us to determine priorities and develop plans to dispense health services according each community’s health needs
The journey begins

H.E. Prime Minister, the true Champion of this initiative

- Visited family HealthCare Centre in Becora, Dili
- Transforming manual and tedious processes to the digital world. (Simplify data collection, storage, process and analysis with very accurate real-time outputs) - Reports and data visualisations.
- Information gathering and brainstorming
- Digital HealthCare approaches & methodologies

TWO WEEKS LATER:
- The MAGIC HAPPENS & ENGINE STARTS - Transformation of Digital HealthCare program and conceptual design
  - Key Stakeholders identified and project kicked off
  - Champions were nominated
  - System built with basic functionalities and deployed

Saude na Familia - Program

- H.E. and MoH, officially launched the implementation of Saude na Familia program - Dili on 22 July 2015
**Where are we now?**

*Today 2017*

Over 500 doctors on the ground
- Home Visits, Register Families and Individuals
- Diagnose, Treatment and Prescribe medications

- > 167K homes
- > 195K families
- > 977K individuals

83% Populations data digitalised

*Currently 8 HealthCare Centers are fully digitalized*

- appointment, register patient (inpatient/outpatient), create patient fact and prescription, medical history, referral, dispense medicines and dashboard- real-time reporting and data visualisation

~98% homes
~98% families
~98% individuals

BY JULY-

69 HC Centers and 7 Hospitals
+300 to 500 doctors

Medicines stock inventory management & diseases/symptoms monitor and control
Technology-

Web technology with Microsoft stack hosted on the Cloud
- Support mobile + PC web browsers
- With rich functionalities and
- One centralized Database with constant backup
- Available anywhere and anytime
- Security is top priority
- Architecture, Design and Built by One Timorese- after working hours, weekends and late nights

Real-Time Data Analysis and Reporting
- Customisation reports and
- Data visualization

AdenCare-

![AdenCare Interface](image-url)
AdenCare-

Tomorrow and Beyond

Government Private Backbone Network- MPLS network with private cloud
Tomorrow and Beyond

2020+

Remotely diagnose and prescribe medicines via telemedicine technology

IOT healthcare wearable devices

Machine Learning and AI (Predictive Analysis)

Obrigado Barak

YES

WE ARE CHANGING THE WORLD WITH TECHNOLOGY

Bill Gates