

DATA MANAGEMENT

SEIZING OPPORTUNITIES





Our understanding of IT a few years ago...



WE LEARNED TO DANCE



WE'VE GOT THE MOVES NOW



BUT

WE NEED MUCH MORE



WE HAVE THE TECHNOLOGY!

BUT...

Do we have the Data?

Do we understand our Data?

Do we have implemented processes?

Do we have human resources?

Do we have intellectual resources?

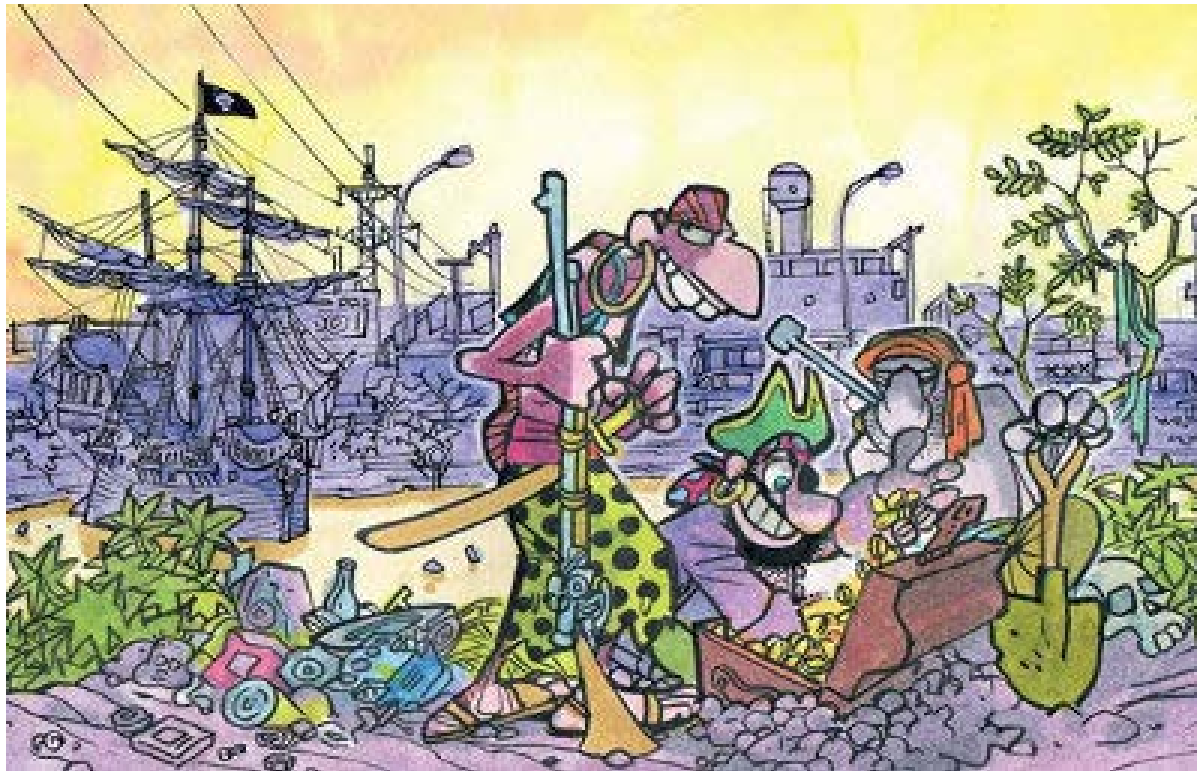
Do we have policy decisions?

Do we have funds?

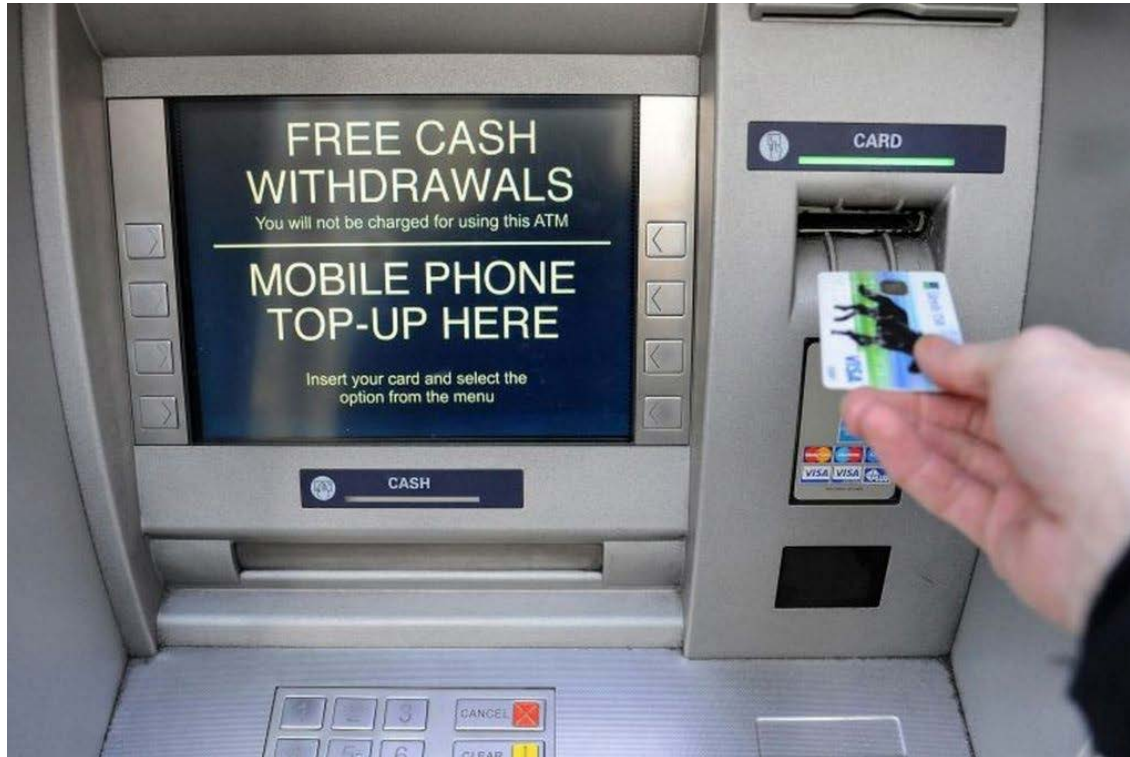
Do we have time?

...

Data: our treasure?



Data: our treasure?



Data: our treasure?



Data Driven Society



Data Driven Society

- **Digital Trust**
- **Data Driven Culture**
- **Who owns the Data?**
- **The General Data Protection Regulation (GDPR) 25/05/2018**

Data Driven Society



Data Driven Society

- **Data Wars**
Elections
Agriculture
Telecom and Mobiles
- **Privacy X monetization of Data**

STRATEGIC VISION



Social Security organizations are not ITC organizations



Management and Control, not Development and Maintenance



I have to be involved with the IT industry while maintaining control



I focus on saving money with ICT , not on saving money on ICT?



Gathering, preserving, using, analyzing and sharing data is the main role of my ICT

IN SOCIAL SECURITY...



Data and Information are the fundamental Assets



That enable decision making and operations



They constitute an Strategic Public Asset



Part of a National Data Infrastructure



DATA & INFORMATION MANAGEMENT



DEFINE THE PROCESSES AND POLICIES INVOLVING DATA



IMPLEMENT A MASTER DATA MANAGEMENT PROCESS



FOCUS ON DATA QUALITY



DEVELOP DATA MASKING PROFICIENCY



ADOPT INTERNATIONAL STANDARDS AND BEST PRACTICES

DATA & INFORMATION MANAGEMENT



PARTNER WITH MULTIPLE INSTITUTIONS TO USE/SHARE DATA



SELF-SERVICE DATA ANALYSIS CAPACITY



DYNAMIC DATA VISUALIZATION



DATA -DRIVEN MANAGEMENT



DOING NOTHING IS RISKY, SO DE -RISK...



BY
INNOVATING
IN A LAB

SMALL
SAFE
ENVIRONMENT



THROUGH
TESTS BY
PROTOTYPING

FAIL FAST,
EARLY AND
CHEAP



THROUGH
PARTNERSHIPS

FEDERATING
RISKS



BY MAKING
INNOVATION
CULTURE

INNOVATION
CULTURE THE
NEW NORMAL

WE NEED TO...

ESTABLISH
INNOVATION
PROCESSES FOR
OUR DIGITAL
JOURNEY

BRING ABOUT
THE ECOSYSTEM
WE WILL INHABIT

PREPARE OUR
DATA FOR
SYSTEMS AND
PROCESSES
THAT ARE STILL
TO BE CREATED



WE NEED TO PUSH OUR BOUDARIES





Automating poverty

Digital dystopia: how algorithms punish the poor

▲ Illustration: Francisco Navas/Guardian Design

In an exclusive global series, the Guardian lays bare the tech revolution transforming the welfare system worldwide - while penalising the most vulnerable
by [Ed Pilkington](#) in New York

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