



DIGITAL
TRANSFORMATION
TEAM

«Data and the Digital Transformation Strategy»

«Workshop on Public Sector Data»

«Bruxelles, June 4, 2019»

Luca Attias

High Commissioner for the Digital Agenda - Presidency of the Council of Ministers

Awareness

Bewusstsein

जागरूकता

conscience

tietoisuus

medvetenhet

وعي

consapevolezza

意識

povědomí

conciencia

認知度

awareness

ความ

осознание

ตระหนักรู้



Italy and digitalization:
A complex relationship

Current scenario

Diego Piacentini: «Let's eliminate the alibi for doing nothing»
interview with Chiara Severgnini, Corriere della Sera April 20, 2018

According to the Financial Times, the High Commissioner for the Digital Agenda has «the hardest job in Italy» i.e. dragging the Public Administration into the XXI century.

Diego: «Digital transformation has no political label; stopping now the work would be pure folly».

Public Sector: As is



EU best performers, order of
magnitude: dozens

Italy, order of magnitude:
thousands



A high-angle photograph showing a massive crowd of people, mostly young adults, floating on a variety of colorful inflatable rings (donuts) in a body of water. The rings are in shades of yellow, pink, blue, and green. The people are densely packed, filling the entire frame, which visually represents the concept of 'endless duplication' mentioned in the text.

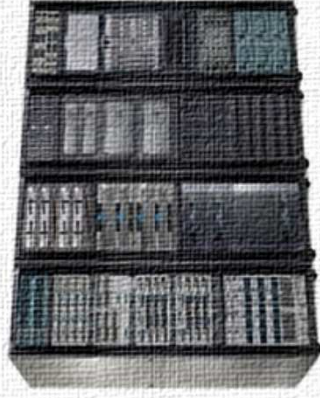
Public sector:
An endless duplication of
projects and infrastructures



12.000 Absolute Monarchies

... rather City-States

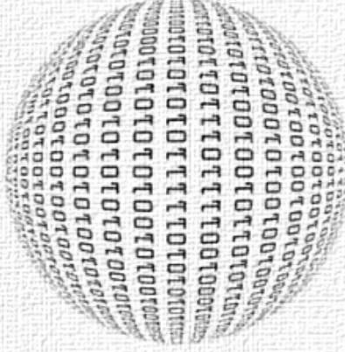
11.000



Tens of
thousands



11.000!



Hundreds
of
thousands



A peculiar situation

Thousands of ICT specialists and professionals who perform the following occupations:

Systems administrators
Systems analysts and application programmers
Web Designers
Protocols specialists
Management control
Financial and Management accounting
Legal knowledge management
Workflow and document management
Payroll management process
Office automation trainers



Many people who perform useless jobs or not matching their skills

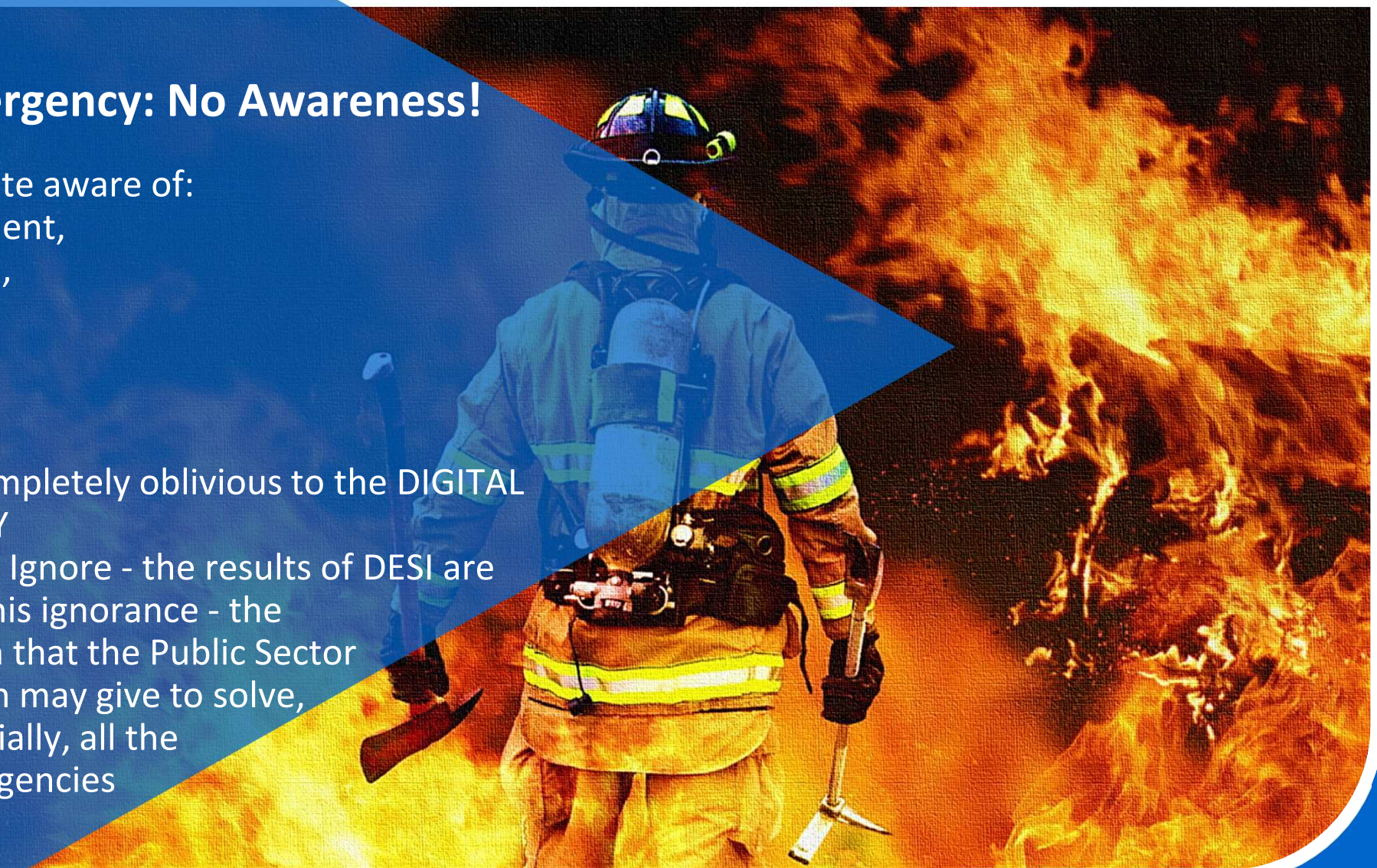
Digital Emergency: No Awareness!

Italians are quite aware of:

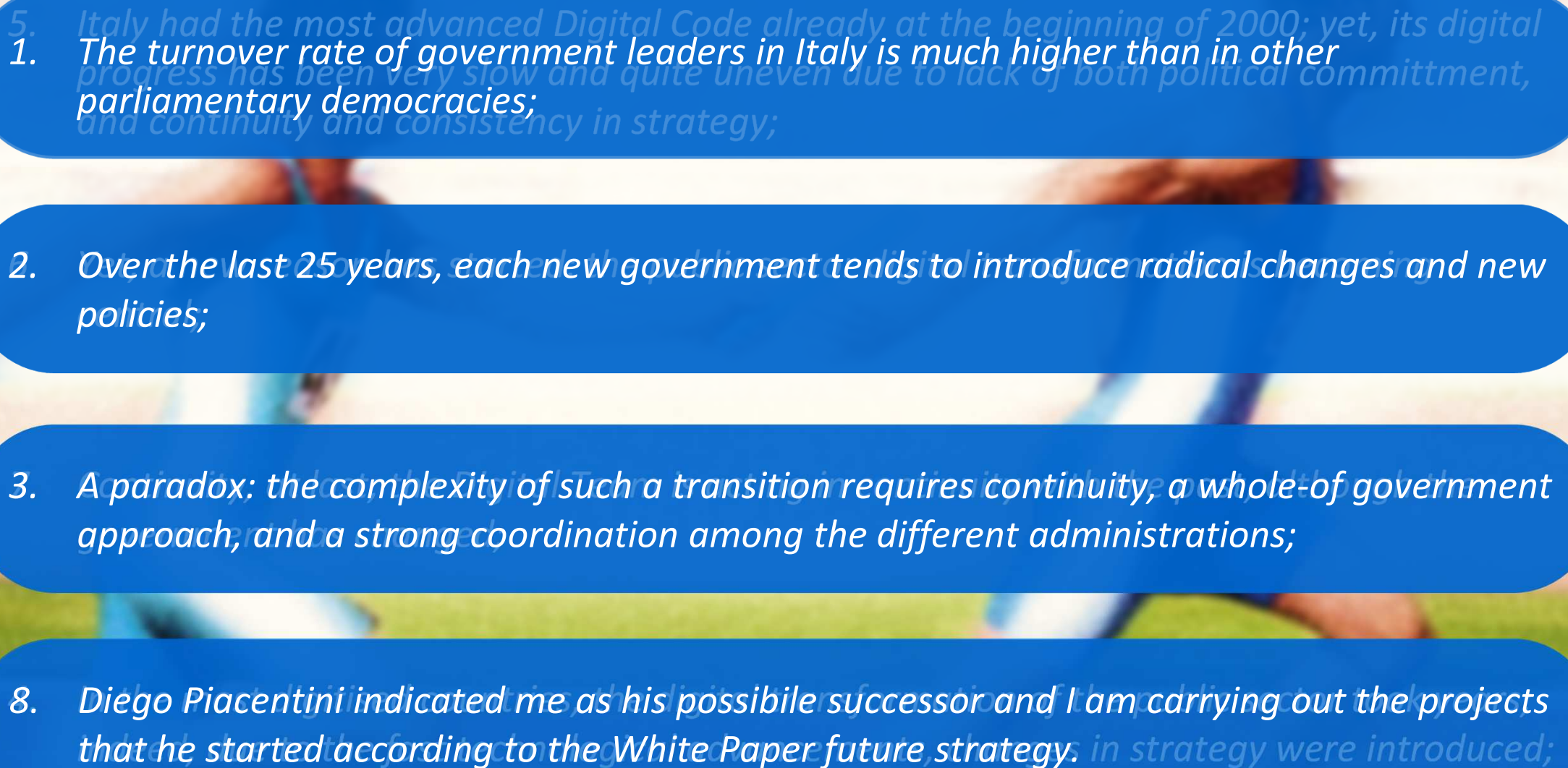
- Unemployment,
- Immigration,
- Tax Evasion,
- Corruption

But:

- They are completely oblivious to the DIGITAL EMERGENCY
- They almost Ignore - the results of DESI are a proxy of this ignorance - the contribution that the Public Sector digitalization may give to solve, at least partially, all the above emergencies





- 
5. Italy had the most advanced Digital Code already at the beginning of 2000; yet, its digital progress has been very slow and quite uneven due to lack of both political commitment, and continuity and consistency in strategy;
1. The turnover rate of government leaders in Italy is much higher than in other parliamentary democracies;
 2. Over the last 25 years, each new government tends to introduce radical changes and new policies;
 3. A paradox: the complexity of such a transition requires continuity, a whole-of government approach, and a strong coordination among the different administrations;
 8. Diego Piacentini indicated me as his possible successor and I am carrying out the projects that he started according to the White Paper future strategy.



A new start: The High Commissioner for the Digital Agenda (Sept. 2016)



Mission

Make public services for citizens and businesses accessible in an easy manner, via a mobile first approach, with reliable, scalable and fault tolerant architectures, based on clearly defined APIs

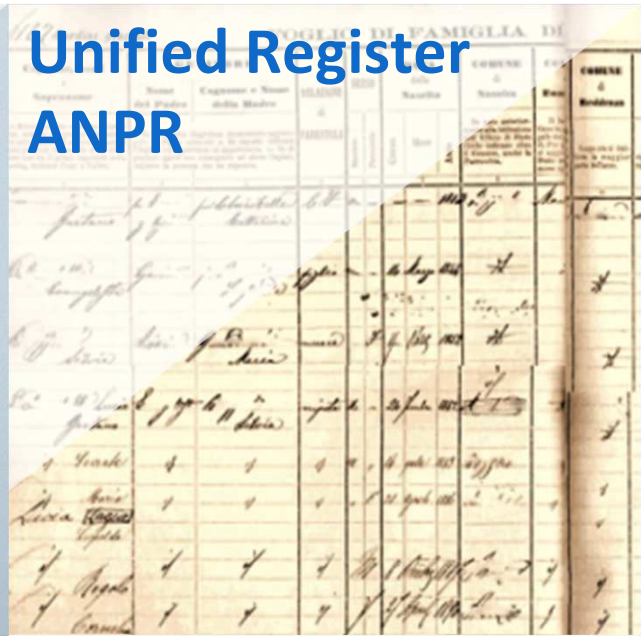
(Re)launched projects



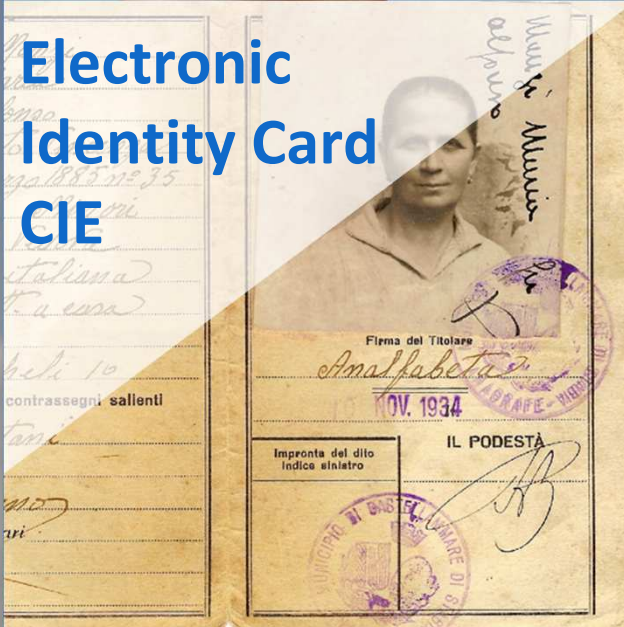
Digital Payments PagoPA



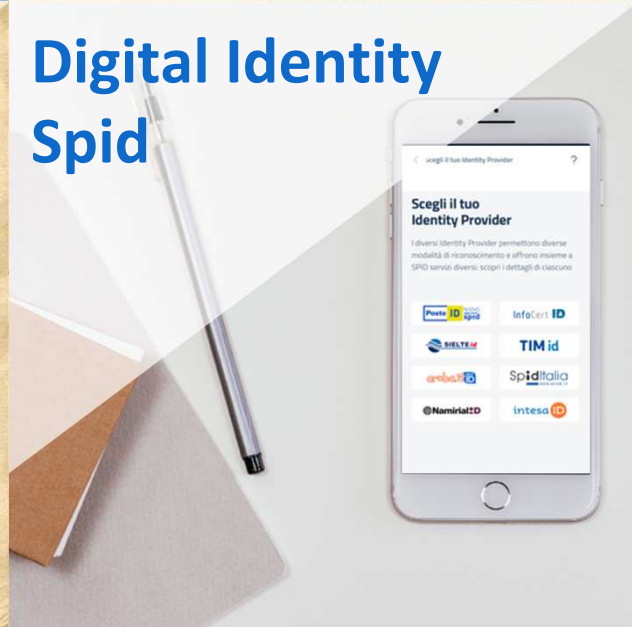
Unified Register ANPR



Electronic Identity Card CIE

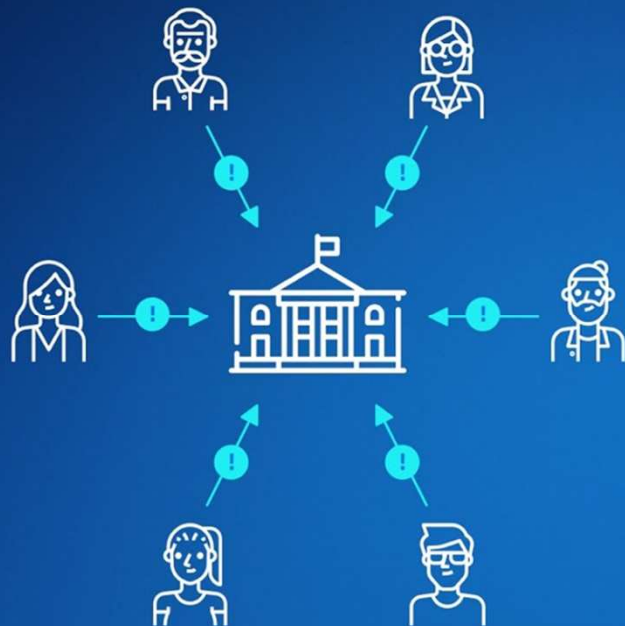


Digital Identity Spid



BEFORE:

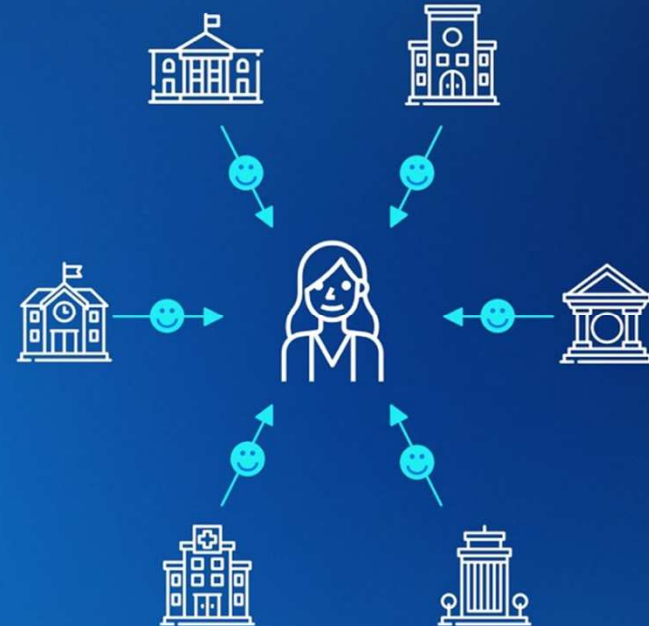
Silos approach based on citizens' obligations



Each PA requires citizens to interact through its own digital platforms on which each citizen must authenticate, register, not to mention, learn to use

AFTER:

Integrated approach based on citizens' needs



Each PA makes available to citizens personalized services through one, easy to use, common platform



COMMISSIONER PIACENTINI: MAIN RECOMMENDATIONS FOR THE GOVERNMENT



**UPDATING THE THREE-YEAR PLAN
STRATEGY AND PROCEEDING
WITH THE EXECUTION PHASES**

Continue on the path traced out by the Three-Year Plan for Digital Transformation

Implement the large-scale adoption of the tools needed for the development, design, collaboration and sharing

Completing the development and deployment of the platform io.italia.it



GOVERNANCE

Create a permanent body that sits within a Department of the Presidency of the Council of Ministers

Create the role of Chief Technology Officer within each Ministry and main body of the central PA

Invest in central in-house and in public bodies



SKILLS AND TRAINING

Create programs to attract talented young graduates with modern technological skills to the PA

Implement initiatives for the "digital" training of PA executives and officials

Involve students through work experience programs

LOOKING FORWARD

GOVERNANCE

"It's still day one!"

Important achievements have been obtained for the Governance:

- A permanent Department is going to be established within the Presidency of the Council of Ministers
- A new private company will be created in the next months, and it will be devoted to the development of
 - pagoPA
 - IO Project
 - DAF: National Digital Data Platform



Palazzo Chigi

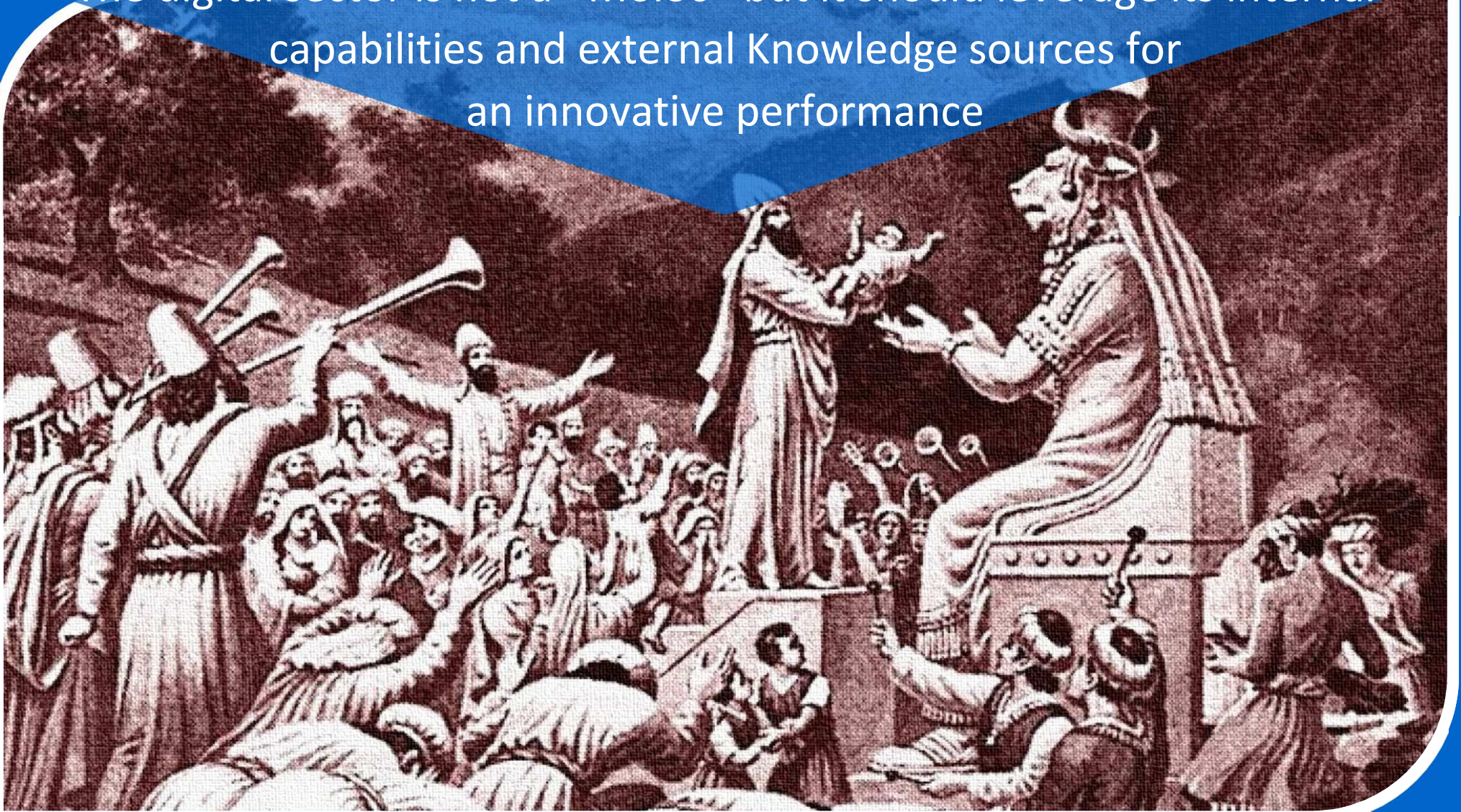
In our logo, the letter “D” stands
for both “Digital” and “Data”




The digital sector needs to influence and be
influenced by other sectors

mathematics organization awareness
language letterature art
emergency competence
ethics management
communication cinema

The digital sector is not a «Mòloc» but it should leverage its internal capabilities and external Knowledge sources for an innovative performance





Full Cooperation and Commitment
from all the Actors

New Jobs Opportunities

Chief Information Officer
 Chief Digital Officer
 Chief Technology Officer
 Chief Security Information Officer

Chief Data Officer

Digital Architect
 Cloud Computing Architect
 Cloud Computing Integrator

Data Driven Decision

Business Intelligence

Data Scientist

Open Data Expert

Internet of Things

Big Data Expert

Sviluppo Mobile App

e-Commerce S

e-Publi

Digital Marketing Manager

Web Marketing Manager

Online Store Manager

User Experience Manager

Analytics Director

Web Analytics Manager

Digital Copywriter

Digital Designer

Search Engine Optimization

Search Engine Marketing

Community Manager

e-Reputation Manager

Social Media Manager

Intelligenza Artificiale, Machine Learning

OECD Skills Strategy Diagnostic Report: Italy 2017

***Over-skilled (11.7%) and over-qualified (18%)
 workers represent a substantial part of the Italian workforce***



The previous list mentions some of the highest in-demand jobs in today's economy.

Yet, as digital technologies become more and more pervasive, many more professions, some we cannot even predict, will exist.

The value of data lies in its aggregation, not in the individual data sets.

Yet, in the public sector, but not exclusively, there are thousands of useless copies of the same dataset, often managed by people who don't have the right skills and capacities

- Organisational resistance against data sharing;
- Siloed thinking and protectionism of data related to conflicting interests among organisations and individual departments;
- Many managers, in the same position forever, use data to gain and maintain their personal advantage
- What can we do?



MOU between the President of the Court of Auditors and the High Commissioner for the Digital Agenda

The MOU is a lever to increase
the effectiveness and efficiency
of administrative action

Data scientist wanted

Probably, the first public call ever in the Italian Public Administration, at the time



Giustizia Amministrativa



CORTE DEI CONTI



Avvocatura dello Stato

CONCORSO PUBBLICO, PER ESAMI, A VENTiquATTRO POSTI DI INFORMATICO (AREA III F1) NEI RUOLI DEL PERSONALE AMMINISTRATIVO DELLA CORTE DEI CONTI, DELLA GIUSTIZIA AMMINISTRATIVA E DELL'AVVOCATURA DELLO STATO

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