Global Forum on Adaptive Social Protection

Protecting lives and livelihoods in times of crisis

13-15 June 2023 • Berlin

14.06 - 09h CEST

Plenary Session 2: Data and information systems:

Harnessing the potential for innovation: strengthening the digital backbone of social protection systems

DATAPREV

Federal Ministry for Economic Cooperation and Development

WORLD BANK GROUP
Social Protection & Jobs

The Data and Technology riddle: “Decipher me or I will devour you”

SP organizations need to decipher their ICT and data operations or run the risk of being devoured by growing budgetary demands and diminishing results.

Effective **service delivery capacity**, the primary corporate target for any SP institution, comes from harnessing ICT and data. This, combined with comprehensive **social protection policies**, and adequate **financing** can ensure social protection rights for all.

The answer

Implement governance and management processes to increase capacity, efficiency and effectiveness.

Data & ICT Governance and Management

- ICT has become too important to be left (only) in the hands of ICT people
- Data protection and security is important, and Data Privacy must be balanced with the right to be recognized by Public Policy
- Constant balancing act of conflicting choices and trade-offs:
  - stability versus flexibility; adapting processes to systems versus adapting systems to the processes; open source versus licensed software; contracting cloud services versus owning data centers; security versus interoperability; outsourcing versus in-house development
- In SP data and information are fundamental assets that allow decision making and operations, they constitute a strategic public asset and are part of a National Data Infrastructure
- Focus on data quality and adopt international standards and best practices

It is a journey, not a destination, a journey of learning how to do better to be able to do more.

Preparing for Resilience

2009	2010	2011	2012	2014		2020
Floods in the Northwest	Floods in the Southwest	Flexible payment system	Preparing infraestructure and hardware	Preparing Data Analytics capacity		**COVID-19** Emergency Benefits

Emergency Benefit

Payments: **68 million**

Reach: **118 million**

(56% of Brazil's population)

First payment:

11.9 million beneficiaries

(6 days after the law was published)

Program value:

US$ 42 billion

BRL$ 235 billion

(3.2% of Brazilian GDP)

Processing:

+ 151 million requirements

(99% processed in the first 3 months)

Update: May/2023

Emergency Benefit: 27 Databases Analysed

Unemployment Compensation Fund (FGTS) Contribution and Social Security Information Form Origin: Caixa Econômica Federal	Update: monthly	CNIS GFIP
CNIS Workers with Intermittent Link Origin: INSS	Update: monthly	CNIS Intermittent Link
Politically Exposed Basis Origin: Ministry of Economy	Update: eventual	Politically Exposed
Brazilians Living Abroad Basis Origin: Ministry of Citizenship	Update: eventual	Brazilians Living Abroad
Defence Basis Origin: Ministry of Citizenship	Update: eventual	Defence (Military)
Prisoners Basis of São Paulo State (Closed Prison Regime) Origin: Ministry of Citizenship	Update: eventual	Prisoners of São Paulo State
National Prison Department Basis (Open-Closed Regime) Origin: Ministry of Citizenship	Update: eventual	DEPEN / MJ – Prisoners
Taxable Profits Basis Origin: Serpro	Update: eventual	IRPF 2018 (Individuals Income Tax) (RFB – Brazilian Revenue Federal Office)
Emergence Benefit – BEm Origin: Brazilian Secretariat of Labor	Update: weekly	BEm
List of Public Governments Employees Cities and States Origin: CGU – Controller General of the Union	Update: eventual	Public Employess Cities and States
Microentrepreneus Individual Basis Origin: Serpro	Update: eventual	MEI
System for the Digital Registry of Tax, Pension and Labor Obligations (eSocial) Origin: Serpro	Update: online	CNIS eSocial
Annual Registry of Social Information Origin: Serpro	Update: annual	RAIS
Integrated System of People Management Origin: SGD / Serpro	Update: eventual	SIAPE

From CNIS: **8**

Inside Dataprev

External bases: **19**

Elected Candidates Mandates (Terms) (TSE)	Update: eventual	Elected Candidates and Alternates Weekly (Cities, States, Country) Origin: Public Basis
Single Registry of Social Programs	Update: eventual	Information Set About Brazilian Families Under Poverty and Extreme Poverty Situation Origin: Ministry of Citizenship
Bolsa Família Program (Assistance to Families)	Update: eventual	Payroll of Benefited People of Bolsa Família Program Origin: Ministry of Citizenship
Pension and Assistance Benefits	Update: monthly	Assistance and Pension Benefits (LOAS) Origin: Dataprev
Unemployment Insurance	Update: weekly	Information Basis of Received Installments by Citizens Registered under Unemployment Insurance Program – Competency and Values Origin: Dataprev
CNIS GPS	Update: 2nd Friday (monthly)	Social Security Guide (GPS), Collection Form of Individual Taxpayer Origin: Banks
SISOBI	Update: daily	Register of Deaths Computer-based System Origin: Registry Offices
SIRC	Update: daily	National System of Civil Registry of Information Origin: Registry Offices
Judiciary	Update: eventual	Judiciary for Retired Servants interns required Origin: Ministry of Citizenship
CNPQ	Update: eventual	CNPQ scholarship holders Origin: CNPQ
CAPES	Update: eventual	CAPES scholarship holders Origin: CAPES
FNDE	Update: eventual	FNDE scholarship holders Origin: FNDE
MEC	Update: eventual	MEC scholarship holders Origin: MEC

ConectaGov: Data integration model/service

- API based data sharing from various government agencies;
- API are used as a basis for offering new services based on the consolidation of information;
- Includes all interagency agreements
- R$ 2,09 Billion in cumulative savings;
- Over 459 million transactions on the platform;
- 863 services automatically connected;
- 74 entities joined.

Examples

. National Health Card
. Anti-competitive conduct consultation
. Family group income range
. Work relationships
. Payment of benefits

Banks pay Social Security for distributing benefits

- Brazilian Social Security stopped paying Banks for distributing benefits in 2007;
- 2010 - public tender where Banks bid for the right to pay benefits (also in 2014 and 2019);
- 10 Banks took part in the bidding, fees ranged from US$ 0,05 to US$ 1,35, averaging US$ 0,75 per lot;
- Differences are due to geoeconomical realities, and each has two winner s (80% and 20%);
- The benefit is payed in the winning bank but can transfer the full amount at no cost to a Bank of his choice;
- Banks want long term relationships with guaranteed income clients;
- +28 million consigned credit contracts using long-term benefits as collateral for loans averaging US$ 1700;
- Estimated savings of over 1 billion U$ in fees no longer paid since 2007.
- U$ 150 million paid by Banks to Social Security each year for the right to pay benefits;
- 80+ Banks pay Dataprev over U$ 200 million a year to check the limit and deduct the installments from the payroll;
- This financed a radical and long investment program to modernize technology and infrastructure.

Digital Transformation Adoption

My INSS

71,5 million
Sessions per month

120 digital services

21 million downloads and **54 million** calls through the app

1,8 million face-to-face visits monthly in 1.586 physical agencies

Digital Workbook

60 million sessions per month

30 digital services

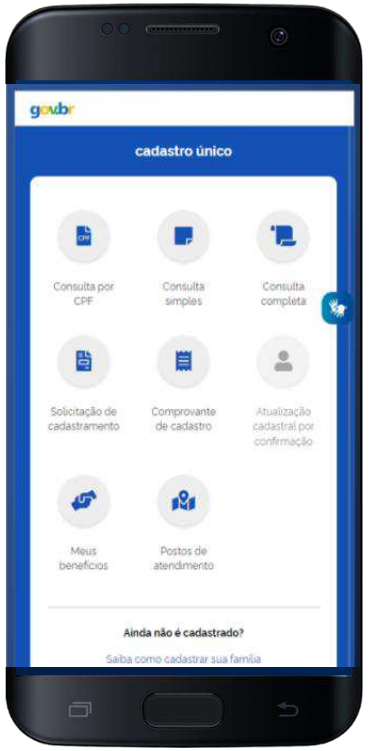
84,3 million downloads

62,5 million Digital CTPS enabled

5,4 million physical documents

CadÚnico

social registry



2,3 million sessions per month

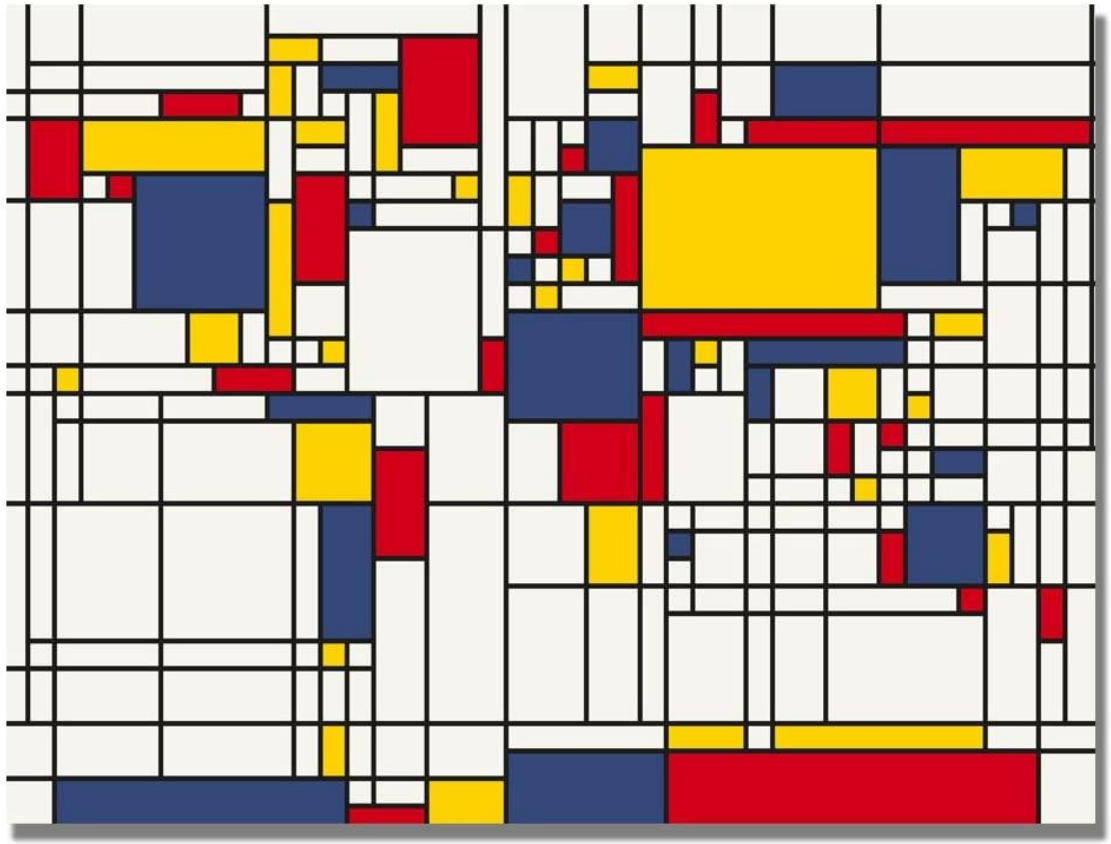
10 digital services

6,3 million downloads

2.804 physical documents

Digital Transformation

How we think it should be…



How it often is…

Thank you!

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THE WORLD BANK
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