



CGU

Office of the Comptroller General

Digitization to turbocharge the fight against corruption in public procurement

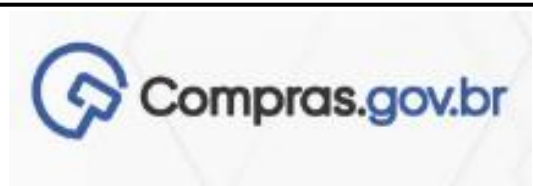
Case alice 

ALICE



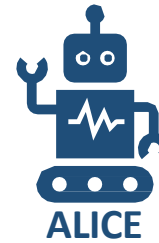
Alice

Procurement information systems



Licitações-e
Caixa Econômica
Federal

Data from each procurement



Audit trails



Red Flags

Highest risk cases



Auditor
Assessment



Government Databases

Alice – Types of Risks Assessed

44 different risks typologies

By the procurement stage

Bidding planning

16

audit trails

Supplier selection

28

audit trails

By the type of red flag

Indication of fraud

25

audit trails

Non-compliance

19

audit trails

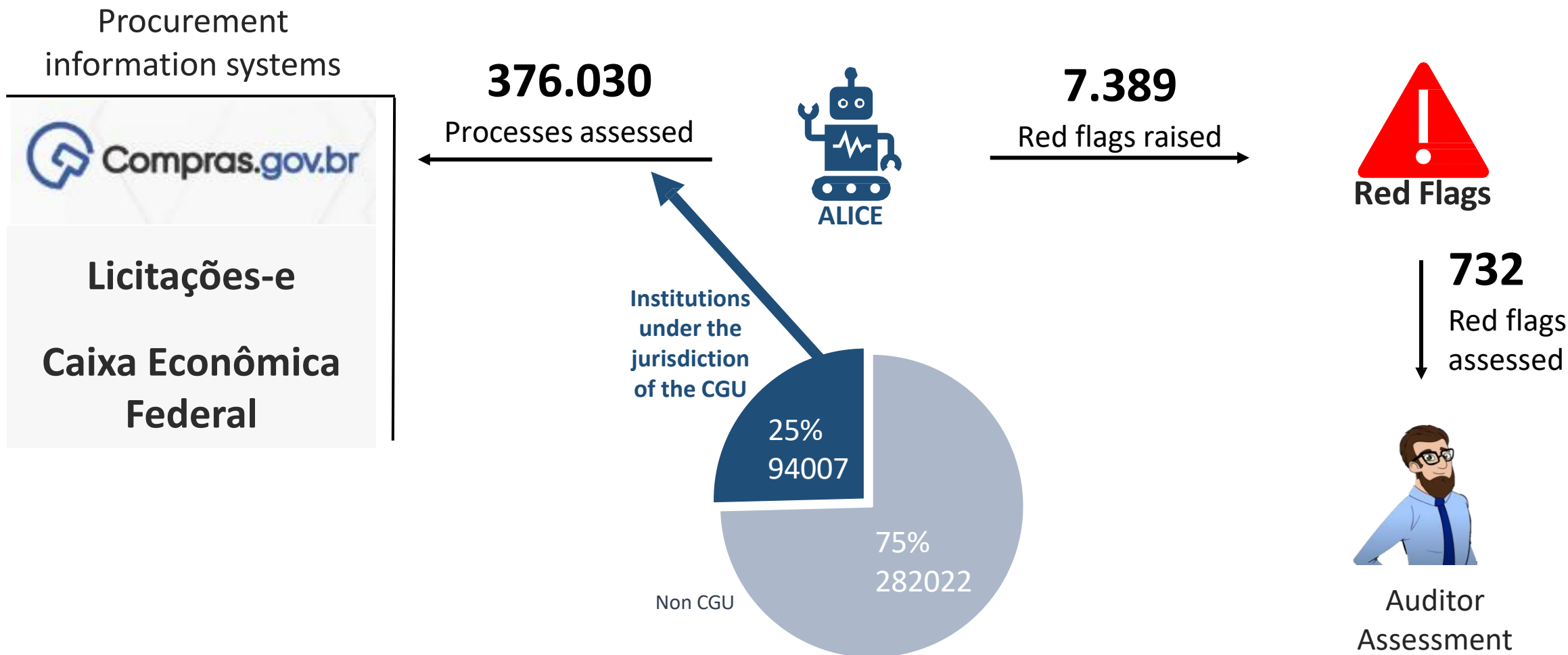


Alice – Audit trails (examples)

44 Audit Trails

- Requirement of some certificates
- High Materiality Bidding
- High IT Materiality Bidding
- Supplier partner has a relationship up to the 3rd degree with an employee of a state-owned purchasing company
- Bidders with low share capital
- Contractor with a history of sanctioning
- Bidders with a state or municipal public servant partner
- Contractor related to sanctioned company
- Contracted with a federal public servant partner
- Supplier with relevant risk index
- Bidder with a recent opening date
- Short-staffed bidder
- Bidders with a deceased partner
- Bidders with partners listed in the National Database of Arrest Warrants
- Relationship between bidding companies

Alice – 2022/2023 numbers



Alice – 2022/2023 numbers

USD 2,1 Billion

bids suspended with indications of fraud or error
from 2019 to 2023



Results from Alice

g1 EDUCAÇÃO

CGU report points out irregularities in bidding for the Connected Education Program

BdF 20 anos

Início Opinião Política Direitos Humanos Cultura Geral Saúde Internacional Especiais Rádio

INÍCIO > POLÍTICA

O DIA Entrar

Ministry of Education tried to overprice school

Política

FNDE previu comprar 37 mil mesas e cadeiras para escolas públicas

Relatório do órgão indica falhas no pregão em que governo comprou mobiliário para instituições pelo país

Por Dimirtius Dantas — Brasília
12/05/2022 04h30 - Atualizado há um ano

METRÓPOLES

Robot that alerts to suspicious bids has already saved R\$1 billion

Robô Alice, da CGU, já emitiu 44 mil alertas de 2020 até 2023

Natália Portinari
11/09/2023 16:25, atualizado 11/09/2023 16:25

...e of almost one billion reais in the purchase of school furniture for Colégio Pedro II

ACRE

CGU points out overpricing of more than R\$7 million in DNIT tender in Acre

...bi em edital para compra de mesas e cadeiras pelo FNDE

UOL NEWS

LICITAÇÃO PARA INSTALAR 1.500 RADARES EM BRS TINHA SOBREPREGO

Corruption let **10,000 Yanomamis children** without basic medicine

<https://noticias.uol.com.br/colunas/carlos-madeiro/2023/01/27/corruptao-deixou-10-mil-criancas-yanomamis-sem-remedios-basicos-aponta-mpf.htm?cmpid=copiaecola>



Cartel diverted more than R\$1.6 billion from **meals and education** in São Paulo

<https://agenciabrasil.ebc.com.br/geral/noticia/2018-05/desvio-de-verba-reduz-qualidade-da-merenda-em-30-cidades-paulistas>

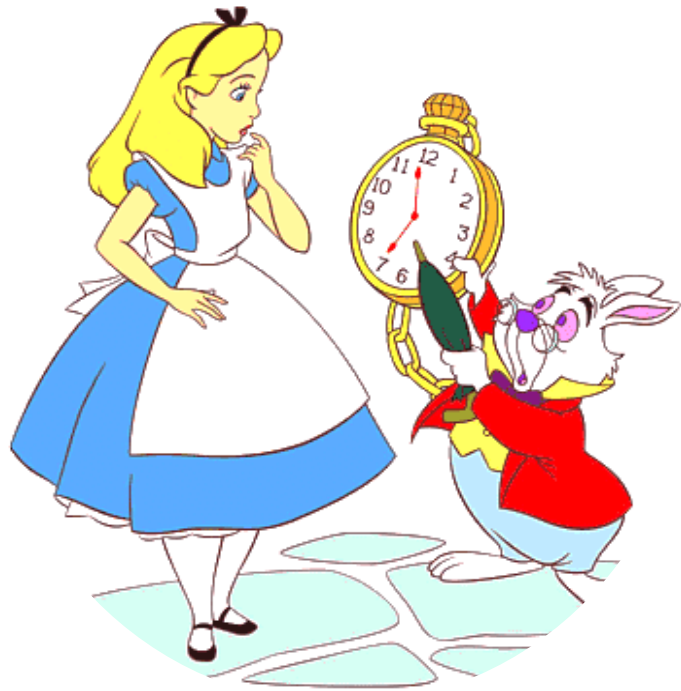
Fraud in school transport in Esmeraldas may have caused the death of a teenager

https://www.em.com.br/app/noticia/politica/2017/07/17/interna_politica,884567/fraude-em-transporte-escolar-em-esmeraldas-pode-ter-causado-morte.shtml



Artificial intelligence can strengthen different public sector functions and support several public policies (Medaglia et al., 2023a; Sousa et al., 2019b).

Alice is just a child



What comes next?

- **New trails** to detect overpricing, collusion and unlikely competition;
- Red-flags on **Compras.gov.br**;
- Alice in **States and Municipalities**, integrated into the National Public Procurement Portal (PNCP).



CGU

Controladoria-Geral da União

Thank you

Rafael Ramos da Luz
Rafael.luz@cgu.gov.br