Platform PG-DCI
Management of Declarations of Absence of Conflict of Interest

Regione Calabria — Audit Authority
Merano – May 21, 2026
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Piattaforma PG-DCI

Regione Calabria — Audit Authority

Objectives, Progress, and Next Steps

01 THE STRATEGY

- The context and objectives of the platform
- The innovative control strategy
- The revision of regional regulations and declaration templates
- Security and privacy measures

02 PROTOTYPE STEP 1

- Roles and hierarchy in the platform
- The operational workflow for declaration management
- The compilation and signature workflow
- The verification workflow
- Key databases for controls
- The interoperability model

03 PROTOTYPE STEP 2

- The Evolution of interoperability
- The virtual assistant and monitoring

INTRODUCTION

The Strategy

PG-DCI was born from the need of the Autorità di Audit of Regione Calabria to equip itself with an innovative digital tool for the systematic and transparent management of declarations of absence of conflict of interest.

The platform digitizes the entire lifecycle of declarations: from compilation to signature, from automated verification to continuous monitoring, ensuring regulatory compliance and interoperability with major national databases.

The legal context

Contrast to conflict of interest = safeguard of legality, anti-fraud and anti-corruption.

EU Regulation 2024/2509 of the European Parliament and of the Council of September 23, 2024, art. 61, paragraph 3

Conflicts of interest affect the impartial and objective exercise of public functions in the programming, management and control of funds:

- family reasons
- personal relationships
- political or national affinity
- economic interests
- any other direct or indirect personal interest

Commission Notice 2021/C 121/01

Guidance on the prevention and management of conflicts of interest under the financial regulation

The European Commission has repeatedly emphasized the value of conflict of interest prevention, and has provided recommendations on how to interpret and apply EU rules in this area, in order to facilitate implementation and encourage good practices.

The Commission itself has advocated for the introduction of standardized measures for the collection, comparison and aggregation of information related to the allocation of Union funds, to prevent, detect, investigate and rectify fraud or remedy irregularities effectively.

The legal context

The **verification of the existence of conflict of interest situations** is therefore at the center of highly significant economic decision-making processes, but **for years it has been managed with manual processes** and with sample and deferred checks over time, often when the “risk” of conflict has already materialized as “damage” to the community.

To provide concrete answers to safeguard **legality**, **consistency and effectiveness** of controls, was created **PG-DCI**, the platform of the Audit Authority of Regione Calabria for the management of declarations of absence of conflict of interest, at every stage of the process.

The operational context

Where we started

- Declarations managed in paper format
- Non-digitized and non-standardized procedures
- Manual verification of conflicts of interest
- Sample verification of declarations
- No interoperability with databases
- Unstructured document archiving

Where we want to arrive

- ✓ Centralized digital platform for all declarations
- ✓ Automated completion and approval workflow
- ✓ Interoperability with national databases such as ANPR and PDND
- ✓ Automated controls via ARACHNE and consultation service of Commercial register (Registro delle imprese)
- ⌛ Additional databases to be connected for interoperability
- ⌛ Dashboard and KPIs for real-time monitoring
- ⌛ Virtual assistant and Generative AI to support verifications

HIGHLIGHTS

4
Operational modules

7
Databases queried

5
National Technical Committees in progress
(Ministeri dell'Economia, dell'Interno e della Giustizia, ANAC, Agenzia delle Entrate)

40
Meetings of the Functional Committee
(Regione Calabria & Accenture)

Platform Objectives

Complete digitization

Digital transformation of the entire management cycle of declarations of absence of conflict of interest, from compilation to verification.

Centralized role management

Hierarchical system of roles(Gestore Piattaforma, SuperAdmin, Admin, Declaration Manager , Compilatore, Verifier) with granular permissions.

Automated controls

Cross-check by querying external databases(ANPR, Arachne, Criminal Records, Revenue Agency) to validate the declared content.

Continuous monitoring

The analytical and methodical framework of operational workflows, combined with the speed of data acquisition for controls, enables monitoring the evolution of potential conflict situations.

Preventive assessments on assignments and benefits

The speed of the checks carried out in the interoperability regime with the databases allows preventive assessments to be carried out and allows the decision-maker to make timely determinations (ON/OFF)

Compliance and security

Full GDPR compliance, access via SPID/CIE through Calabria Login, complete traceability of operations and historicization.

The innovative control strategy

An integrated approach combining data from multiple sources

EXTENDED AND INTELLIGENT CONTROLS ON RELEVANT RELATIONSHIPS

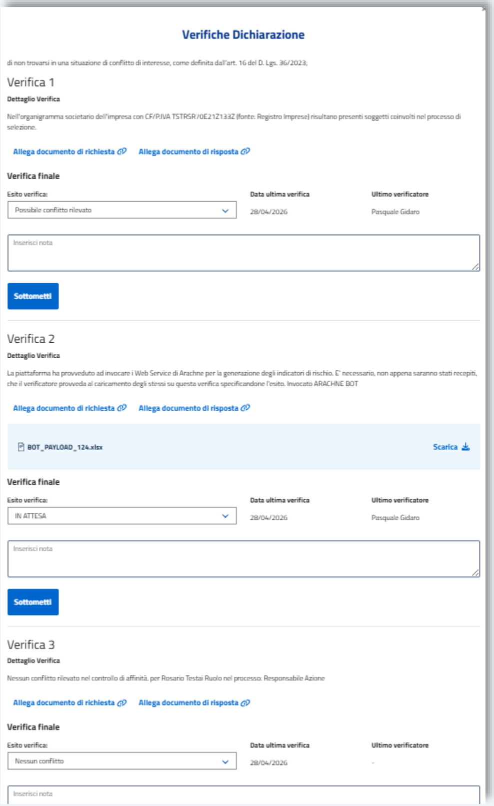
A verification model that (semi)automatically expands the scope of subjects to be analyzed, integrating interoperable data to identify cohabitants and relatives within the 2nd degree.

TRANSPARENT CORPORATE ECOSYSTEM THROUGH THE BUSINESS REGISTRY

Structured access to official Business Registry data to rebuild the corporate structure of the beneficiary and detect significant connections with the subjects involved in the procedure.

RISK ASSESSMENT BASED ON EUROPEAN STANDARDS

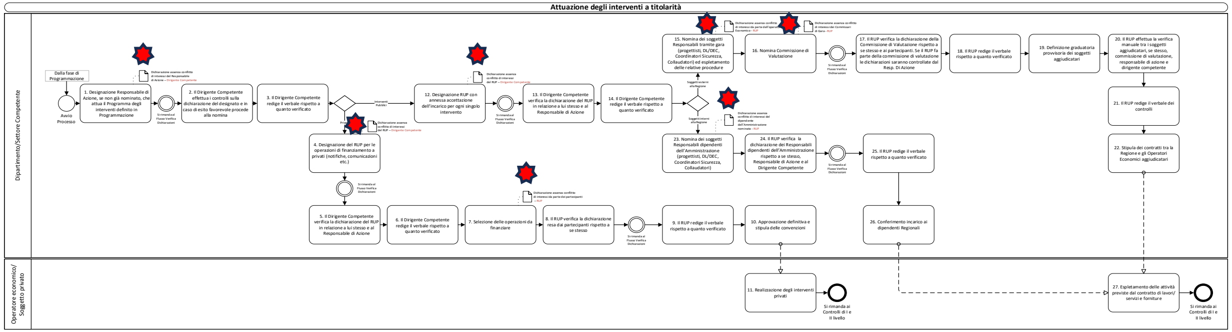
An advanced integration with Arachne to generate reliable risk indicators and map complex corporate links, supporting more informed public decision-making aligned with EU guidelines.



The innovative control strategy – the flows

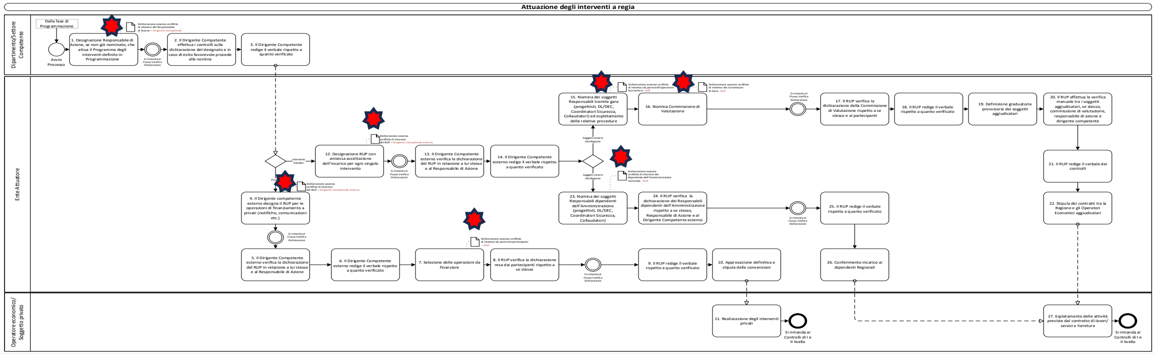
An integrated approach combining data from multiple sources

The procedural flows related to regional-led and delegated interventions have been mapped, identifying the declaration submission milestones, based on which a logical and structured order of verification of the declarations of the subjects involved has been defined (circle control points in red)



DIRECTLY MANAGED INTERVENTIONS

DELEGATED INTERVENTIONS



The innovative control strategy – process detail

An integrated approach combining data from multiple sources

CONTROLS ON PUBLIC ENTITIES DESIGNATED FOR ASSIGNMENT *(appointments case of RdA, RUP, Evaluation Committee, Level I and II Controllers)*

	SUBJECTS WHO MUST SUBMIT THE DECLARATION	SUBJECTS AGAINST WHOM THE DECLARATION IS COMPARED
1	**Action Manager**	Director
2	**Procedure Manager**	Director and Action Manager
3	**Participants**	Director, Action Manager and Procedure Manager
4	**Evaluation Committee**	Director, Action Manager, Procedure Manager, Participants and other committee members
5	**Beneficiaries**	Director, Action Manager, Procedure Manager and Evaluation Committee
6	**Level I Controllers**	Director, Action Manager, Procedure Manager, Beneficiaries, Evaluation Committee
7	**Level II Controllers**	Director, Action Manager, Procedure Manager, Beneficiaries, Evaluation Committee and Level I Controllers

The innovative control strategy

An integrated approach that combines data from multiple sources

THE CONNECTION TO BE IMPLEMENTED WITH THE PR 21-27 INFORMATION SYSTEM (SIURP 2)

The connection with SIURP 2 will allow to recover the correct association between Action, Department and Sector. This way, the platform operates on homogeneous and reliable data, reducing inconsistencies and manual interventions in managing organizational registries.

THE CONNECTION TO BE IMPLEMENTED WITH REGIONAL PERSONNEL DATABASES

Integration with regional databases enables precise user profiling based on roles (officials or directors) and organizational structures (departments or sectors). Acquisition from official sources guarantees the integrity of the information and eliminates compilation errors, ensuring maximum precision in the assignment of assignments.

The Regional regulation and declaration template revision project (1/2)

Complete revision of the declaration of absence of conflict of interest templates in compliance with current regulations.

Standardization

Uniform common structure and sections, maximizing the standard without losing the specificities of each recipient.

Regulatory compliance

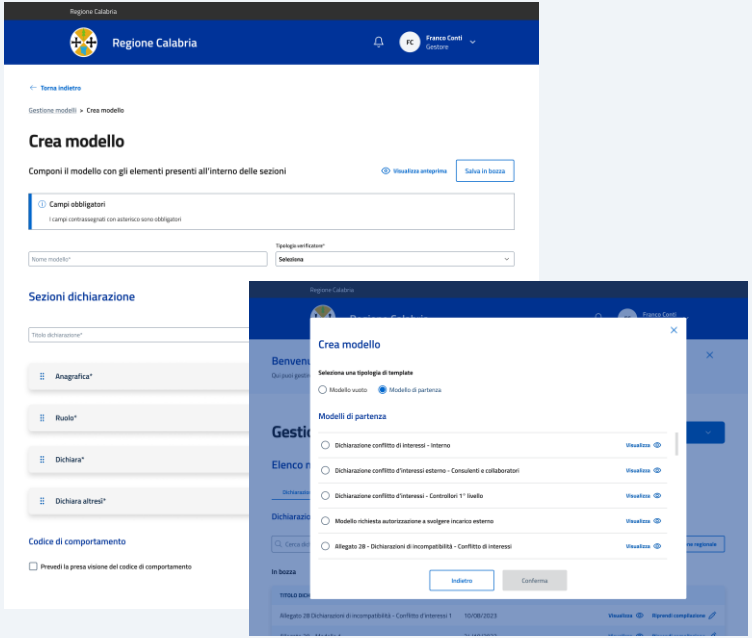
Updated templates fully consistent with current regulations and applicable regional guidelines/rules.

Verification methods

For each model, it has been defined how to check the contents (completeness, consistency, feedback) and the points of attention for validation.

Reference databases

Each declared information is linked to the official source/data for verification, making the control traceable, replicable and timely.



The revision of the Regional regulations and declaration models (2/2)

Complete revision of the declaration of absence of conflict of interest templates in compliance with current regulations.

Ongoing activity with the Regional Anti-Corruption Office

The development of the platform was conducted in close collaboration with the **Head of Corruption Prevention and Transparency (RPCT)** of the Calabria Region, with the following objectives:

Update of the internal Administration regulations, which will be incorporated into the new Code of Conduct

Update of declaration templates, for subjects internal to the Administration (Directors and Officials) and for external subjects (Consultants, Collaborators and Beneficiaries),

Objectives of the declaration template update

Complete revision of the declaration of absence of conflict of interest templates in compliance with current regulations.

1

Template simplification, removing from pre-existing formats individual declarations not fully related to the conflict of interest scope or those for which the generality of attestations does not allow for a precise control methodology, with consequent digital and procedural facilitation.

2

Template standardization, mrging, for example, pre-existing formats for external subjects — natural persons and legal entities (Companies and Bodies) — into a single structured template.

3

The preparation of an annex to the declaration templates containing the definition of the main situations in which a personal interest — whether economic, financial or relational — could be found that may interfere with the impartiality of public decisions; **providing the declarant with complete and correct information on concrete conflict of interest cases and their regulatory references**, are aimed at reducing the area of risk deriving from incomplete declarations or circumstances not declared because they are not provided for in the declaration form.

Security and privacy measures

The platform natively integrates GDPR principles and data protection, addressing critical issues related to access to external databases and the management of sensitive information of registrants.

GDPR, controlled access and prototype Step 1

Strong authentication

Exclusive access via SPID, CIE or regional credentials through Calabria Login (SSO)

Explicit consent

Mandatory review of the privacy notice and acceptance of data processing before completion

Complete traceability

Every operation is registered with timestamp, user and action; accounts are never deleted to ensure historical records

Granular access

The need-to-know principle governs visibility: each role only sees data relevant to its own area and function

Session management

Single active session per user, automatic and manual logout, prevention of multiple simultaneous accesses

Prototype Step 1

Controlled environment testing of external database integrations, validation of authorization policies and consent flows

Security and privacy measures

The platform natively integrates GDPR principles and data protection, addressing critical issues related to access to external databases and the management of sensitive information of registrants.

PRIVACY

Platform development was carried out in close collaboration with the Data Protection Officer of Regione Calabria; in this regard, a technical table has been set up for the development of appropriate safeguards and solutions aimed at:

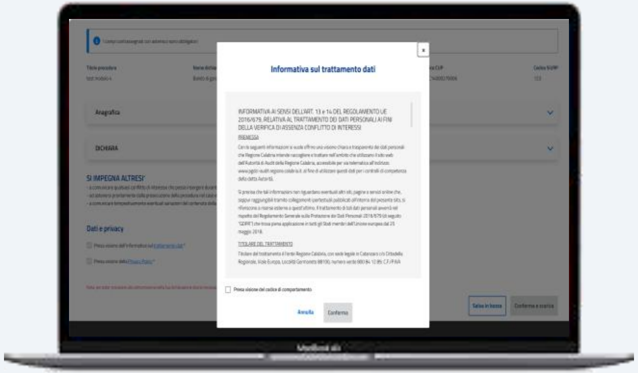
- integrating the most suitable security and data protection measures into the platform from the design stage (Privacy by Design);
- the automatic setting of the highest level of protection (Privacy by Default), collecting only the data that is strictly necessary, without user intervention and minimizing the amount of data, the duration of storage and accessibility;
- defining a detailed notice and suitable privacy policy, clear and transparent regarding the personal data that Regione Calabria intends to collect and process through the platform.

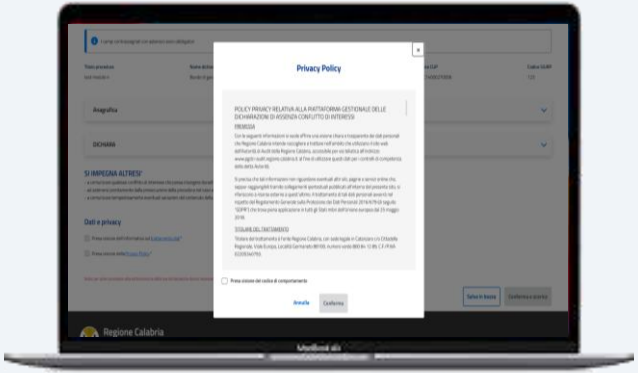
Considering the significant problems of personal data management that are relevant for the purposes of checking the declarations, a discussion was initiated with the Privacy Guarantor

Security and privacy measures

Data Processing Notice

A specific section has been introduced within the platform dedicated to reviewing the personal data processing notice, with particular reference to aspects related to accessing external databases.





Privacy Policy

A specific section has been introduced within the platform dedicated to the site's Privacy Policy, aimed at clearly and transparently regulating the methods of processing personal data.

Security and privacy measures - Cybersecurity

The platform for the management of conflicts of interest is part of the technological architecture of the Calabria Region, which is modern, scalable and designed with a priority focus on cybersecurity.
The organization's security posture rests on solid and certified pillars, aimed at ensuring maximum integrity and security of processed data.

Monitoring and Incident Response

Security is constantly overseen by the regional CSIRT (Computer Security Incident Response

Team), which operates in synergy with a SOC (Security Operations Center) active 24 hours a day, ensuring uninterrupted vigilance against any intrusion attempt; (ACN) as an "important entity", a fundamental requirement to ensure adequate security in hosting information systems.

Multi-layered defense

The Calabria Region adopts a 'deep' defense strategy that orchestrates advanced solutions for perimeter, strategic and internal protection; It is an ecosystem that allows for the timely detection of threats and any attacks, always guaranteeing an appropriate and immediate response capacity.

Resilience

The reliability of the system is supported by a Data Center certified by the National Cybersecurity Agency (ACN) as a "significant entity", a fundamental requirement to ensure adequate security in hosting information systems

The prototype
Phase 1 - Step 1

From user and organization management, through the creation and assignment of declarations, to the compilation, signing and subsequent verification of declarations by the competent subjects.

Roles and Hierarchy in the Platform

STRATEGIC LEVEL

Platform Manager

Strategic and governance level

ADMINISTRATIVE LEVEL

Super Admin

User and permission administration

Admin

Role and configuration management

OPERATIONAL AND CONTROL LEVELS

Declaration Manager

Operational process coordination

Compilers

Compilation of declarations

Verifier

Verification of the truthfulness of declarations

The strategic level

Platform Manager

Role with strategic and overall governance responsibilities of the platform. The Platform Manager configures the Regional structure (4 areas: Government Bodies, Transparency, Government Units, Departments) and Sub-regional structure (Provinces, Municipalities, Universities, ASP/AOU). Creation, modification and deactivation of organizational fields with automatic notifications.

Has a cross-functional view of all features.

Administrative levels

Two distinct roles that oversee the entire user enablement chain, to the operational level.

The correct configuration of these roles is essential to ensure security and access traceability.

Super Admin

Manages users with elevated privileges. Enables new Administrators (Admin) and manages the platform's administrative structure.

Admin

Administrative-operational role. Assigns functional roles by enabling Declaration Managers and Verifiers.

The operational levels

Declaration Manager

Operational role: defines the subjects involved in interventions and procedures. Assigns declarations to be completed, coordinating the entire process management flow.

Compiler

Operational role: responsible for completing assigned declarations or those for which they applied independently.

Verifier

Control role: verifies the correctness and truthfulness of the contents of the declarations related to the processes and interventions assigned.

The operational workflow for declaration management

From procedure creation to declaration submission

1

Procedure/Intervention Creation

The Action Manager creates the form by entering Priority, Objective, Action and personal data

2

Subject Selection

The Manager activates the toggles for: RUP, Participants, Evaluation Committee, Level I/II Controllers

3

Declaration Assignment

For each role: the Manager chooses between Standard or Custom template (from default template)

4

Notification and Submission

The platform sends an automatic email to subjects indicating the role and declaration

System entry hierarchy: DG/DS → Action Manager → Procedure Manager/RUP → Participants/Evaluation Committee/Controllers

The compilation and signature workflow

1

Access

Accesses via SPID or CIE

2

Completion

Entry of personal data, role and declarative sections

3

Privacy

Acceptance of data processing and privacy policy

4

Download

Download of the declaration in PDF format

5

Signature

Digital or handwritten signature (currently) external to the platform

6

Upload

Re-upload of the signed document to the platform

The verification workflow

VERIFICATION WORKFLOW

1. **Identification of the group of related person**
   Necessary condition for starting automated verifications
2. **Start of automated verifications**
   Button enabled for single clusters
3. **Submission of requests and controls**
   Email to the ARACHNE Manager or direct initiation for natural persons
4. **Results upload**
   The verifier uploads the outputs in the dedicated cluster section
5. **Reporting**
   Automatic generation of reports and related download

TYPES OF CONTROLS

Automated Controls

Real-time verifications via ANPR and ARACHNE with immediate and tracked results

Semi-Automated Controls

Verifications on municipal registries, criminal records, pending charges and financial data with operator support

Verifiche Ex-Ante e Affinity Links

Upload of request files for preventive controls on companies and natural persons via ARACHNE

Cluster Controls

Checks organized by clusters of subjects: managers, action and procedure officers, evaluation committees, beneficiaries, and other subjects.

The main databases used for controls

Ministero dell'Interno
Anagrafe Nazionale della Popolazione Residente (ANPR)

Verification of personal data

Identification of relatives by marriage and cohabitants

Agenzia delle Entrate
Anagrafe Tributaria

Verificationof asset and income data

Commissione Europea
ARACHNE

Calculation of corporate links indicators

Identification of corporate links

Ministero della Giustizia
Casellario Giudiziale e Carichi Pendenti

Identification of pending charges

Verification of judical records/status

Unioncamere
Registro delle Imprese

Identification of corporate ownership structures

Comuni
Anagrafi comunali

Integration of family data into historical family status certificates

Min. del Lavoro e delle Politiche Sociali
RUNTS

Identification of membership in associations

ANAC
Fascicolo Virtuale dell'Operatore Economico

Verification of participation requirements

Regione Calabria
SIURP

Verification of project-related data

The Interoperability Model

Below are summarized the princiapl models of interoperability developed detailing the information retrived for the conflict of interest controls:

PDND

Via API

PG-DCI

ANPR

Services used:

- *C017-servizioAccertamentoMatrimonio;*
- *C019-servizioAccertamentoEsistenzaVita;*
- *C020-servizioAccertamentoResidenza;*
- *C021-servizioAccertamentoStatoFamiglia;*
- *C024-servizioAccertamentoPaternita;*
- *C025-servizioAccertamentoMaternita;*
- *C030-servizioAccertamentoIdUnicoNazionale.*

PG-DCI

Business Registry

Services used:

- Servizi consultazione Registro Imprese

Agenzia delle Entrate

Services used:

- P.IVA verification

ARACHNE

Tramite API semiautomatiche + bot di bot

PG-DCI

Arachne EX-ANTE

Arachne AFFINITY LINKS

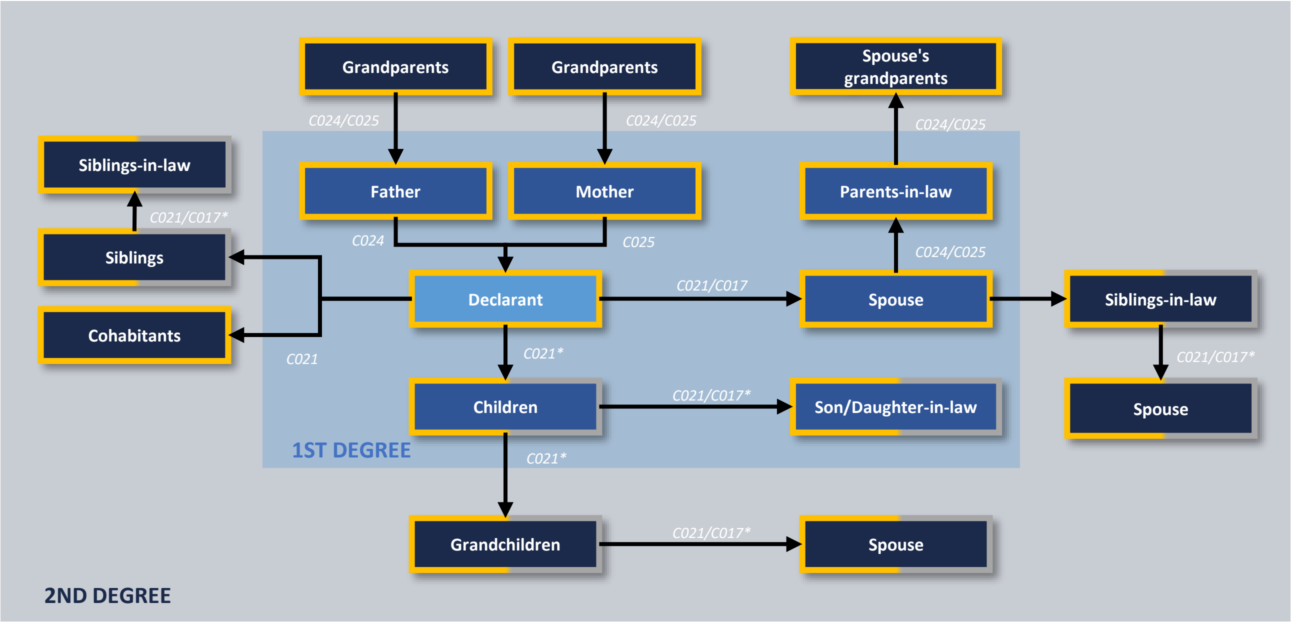
Indicators collected for Legal Entities:

- *Links between related people and involved companies*
- *Links between beneficial owner and involved companies or related people*

Cross-check between natural persons which, in the presence of corporate links, returns as output the type of relationship (direct or indirect) and the strength of the relationship.

PG-DCI

ANPR: reconstruction of registry and civil status links



ANPR does not allow access from a subject to information on children/siblings not present in the family record (cohabitants); such information is retrieved through specific requests for historical family status certificates to the municipal registries of the declarant's and spouse's residence.

LEGEND — *Data always available in ANPR* — *Data available only if registered at the same residence as the declarant*

Current verifications on the Arachne system

Processes and functions used for detecting risk indicators

For automated declaration verifications, the following processes/functions are currently used to detect specific risk indicators

ADG

Function «Affinity Links»
Function «Ex-Ante»

Risk indicators related to links (Ex-Ante function)

- Links between beneficiaries/project partners
- Links between beneficiaries/project partners and contractors/consortium members
- Links between beneficial owner and involved companies or related people
- Links between contractors/consortium members
- Links between related people and involved companies

ADA

Function «Entity –Society –Person»
(Project search registered in ARACHNE with analysis focus on link and concentration risk indicators)

Risk indicators related to links and concentration risk

In general, the indicators related to the “fraud alert or reputation” risk category and the indicators related to the “concentration” risk category that the system Arachne calculates on the project are analyzed.

Automatic verification with Arachne system (1/2)

The limited interoperability functions available on Arachne have made it possible to implement only a limited set of controls. For the purposes of automatic checks on declarations, the PG-DCI platform can invoke the Arachne system through two distinct functions.

ARACHNE

Affinity Links

The “Relationships” function makes it possible to identify direct or indirect links between individuals and entities involved (beneficiaries, project partners, administrators), thereby enabling the detection of potential conflicts of interest.

ARACHNE

Ex-Ante

Preventive verification function for risk analysis and the assessment of potential conflicts of interest prior to the assignment of roles and the granting of benefits.

Automatic verification with Arachne system(2/2)

The verification path varies based on the type of person involved: natural persons or legal entities

SCENARIO A

IF THE SUBJECT ISSUING THE DECLARATION AND THE COMPARISON GROUP ARE ALL CONFIGURED AS “NATURAL PERSONS”

(FIRST NAME - LAST NAME)

Single step
(First Name – Last name)

ARACHNE
Affinity Links

SCENARIO B

IF AMONG THE SUBJECT ISSUING THE DECLARATION AND THE COMPARISON GROUP THERE IS ONE CONFIGURED AS A “LEGAL ENTITY”

(Partita IVA)

Step 1 (First Name + Last Name + P.IVA)

ARACHNE
Ex-Ante

Step 2 (First Name + Last Name)

ARACHNE
Affinity Links

AFFINITY LINKS analysis (corporate links)

The PG-DCI platform generates a MATRIX , in order to identify any corporate links between the declarant, the related parties and the comparison person, involved in the procedure.

MATRIX CREATION
IDENTIFICATION DATA

DECLARANT DATA

DATA OF SUBJECTS WITH RESPONSIBILITY ROLES IN THE PROCEDURE

DATA OF RELATED PERSON

Conflict of interest verification matrix

ROLE IN THE PROCESS	SUBJECT	MARIO ROSSI (Dirigente Competente)					PAOLA BIANCHI (Responsabile d'Azione)				GIOVANNI VERDI (Responsabile del Procedimento)		
		SUBJECT	RELATED LIVING	RELATED LIVING	RELATED LIVING	RELATED LIVING	SUBJECT	RELATED LIVING	RELATED LIVING	RELATED LIVING	SUBJECT	RELATED	RELATED
		MARIO ROSSI	MARZIA ROSSI	CARMELO ROSSI	ALBERTO	VIOLA GIGLIO	PAOLA BIANCHI	GIOVANNI	ROSA NERI	ALDO BIONDI	GIOVANNI VERDI	ANGELO MORETTI	ORSOLA BIANCHINI
Dirigente Competente	MARIO ROSSI						X	X	X	X	X	X	X
Responsabile Azione	PAOLA BIANCHI		X	X	X	X					X	X	X
Responsabile Procedimento	GIOVANNI VERDI		X	X	X	X		X	X	X			

Start of matrix on Arachne system (1/2)

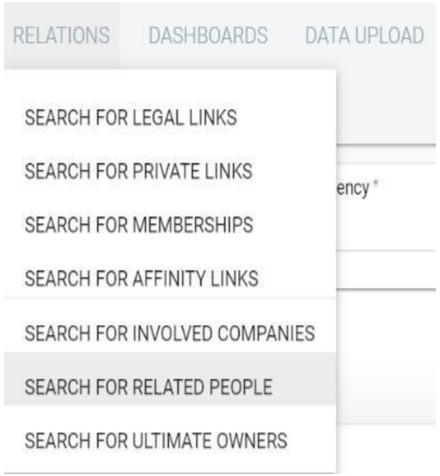
The matrix is started on Arachne iin correspondance with function RELAZIONI

SEARCH BY AFFINITY LINKS

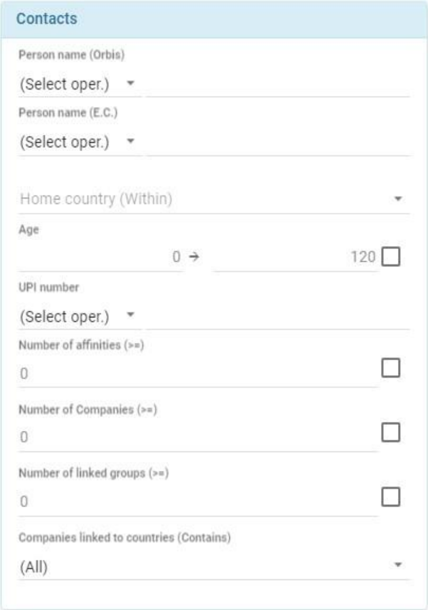
This functionality can be used to verify whether a direct or indirect link exists between two company owners/directors (= affinity link). Affinity link searches can be performed based on certain criteria related to owner/director pairs and also based on the direct ties flag.

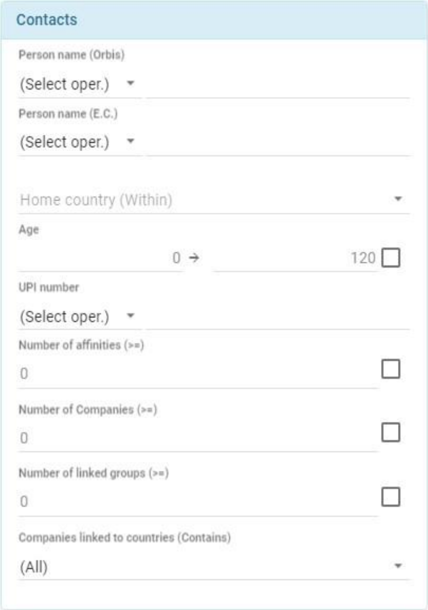
A direct affinity link corresponds to a path:
«people → society → people»

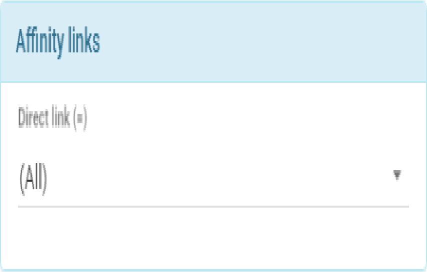
An indirect affinity link corresponds to a path:
«people → society → società → people»



Start of matrix on Arachne system (2/2)







A specific program (BOT) was developed for sequential ARACHNE querying of affinity searches between pairs of people in the matrix (asynchronous initiation process).

Affinity links output

When an affinity link is present Arachne gives back:

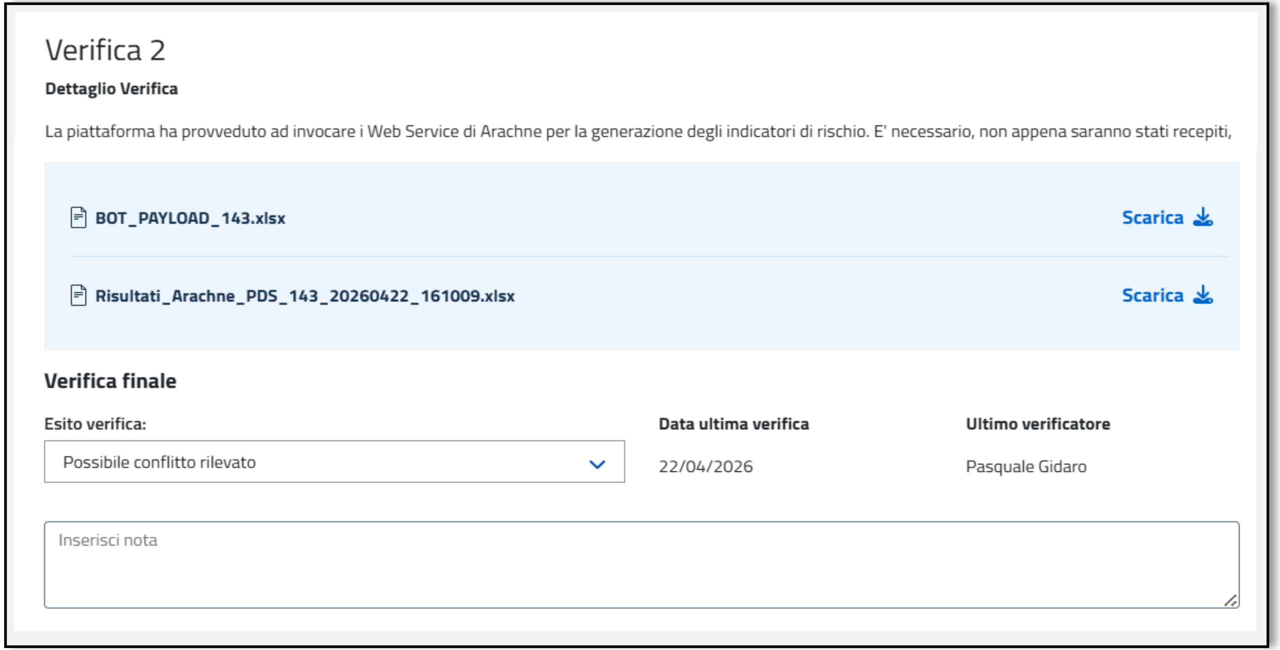
- ✓ DATE OF BIRTH OF TIES DECLARANTS
- ✓ TYPE OF TIES (DIRECT OR INDIRECT)
- ✓ WEIGHT TIES

The output as shown is displayed directly on the PG-DCI platform.

DECLARANT 1	DATE OF BIRTH 1	DECLARANT 2	DATE OF BIRTH 2	DIRECT TIES	TIES WEIGHT	RESULT
MARIO ROSSI	N/D	PAOLA BIANCHI	N/D			NO MATCH
MARIO ROSSI	N/D	ALDO BIONDI	N/D			NO MATCH
MARIO ROSSI	N/D	ROSA NERI	N/D			NO MATCH
MARIO ROSSI	N/D	CARLO BIANCHI	N/D			NO MATCH
MARIO ROSSI	N/D	GIOVANNI VERDI	N/D			NO MATCH
MARIO ROSSI	N/D	ANGELO MORETTI	N/D			NO MATCH
MARIO ROSSI	N/D	ORSOLA BIANCHINI	N/D			NO MATCH
PAOLA BIANCHI	N/D	MARZIA ROSSI	N/D			NO MATCH
PAOLA BIANCHI	N/D	ALBERTO ROSATI	N/D			NO MATCH
PAOLA BIANCHI	N/D	VIOLA GIGLIO	N/D			NO MATCH
PAOLA BIANCHI	N/D	SARA ROSATI	N/D			NO MATCH
PAOLA BIANCHI	1961-06-22	GIOVANNI VERDI	1969-10-17	Yes	0.66	MATCH
PAOLA BIANCHI	N/D	ANGELO MORETTI	N/D			NO MATCH
PAOLA BIANCHI	N/D	ORSOLA BIANCHINI	N/D			NO MATCH
GIOVANNI VERDI	N/D	MARZIA ROSSI	N/D			NO MATCH
GIOVANNI VERDI	N/D	ALBERTO ROSATI	N/D			NO MATCH
GIOVANNI VERDI	N/D	VIOLA GIGLIO	N/D			NO MATCH
GIOVANNI VERDI	N/D	SARA ROSATI	N/D			NO MATCH
GIOVANNI VERDI	N/D	ALDO BIONDI	N/D			NO MATCH
GIOVANNI VERDI	N/D	ROSA NERI	N/D			NO MATCH
GIOVANNI VERDI	N/D	CARLO BIANCHI	N/D			NO MATCH

PG-DCI platform visualization

This screen displays the summary page of controls via ARACHNE AFFINITY LINKS



EX ANTE analysis

The ex-ante functionality of Arachne allows the calculation of potential risks related to a subset of indicators, when at least one of the subjects to be verified is identified as a legal entity, in order to identify any corporate ties between the declarant and the comparison subjects (and related parties), involved in the procedure.

TYPE OF VERIFICATION
Semi-automatic

XML FILE GENERATION VIA THE PLATFORM PG-DCI

UPLOADING THE XML FILE TO THE ARACHNE PLATFORM

Structure of the XML file to be sent for interoperability to Arachne

Below is reported an example fo a XML file generated to be sent in interopearability to Arachne

PROJECT	ENTITIES	RELATED -PEOPLE	PROJECT - PARTNERS	BO-DATA (BENEFICIAL OWNER)
PROJECT ID	ENTITY ID	FIRST NAME	PROJECT ID	ENTITY ID
PROJECT NAME	ENTITY NAME	LAST NAME	ENTITY ID	FIRST NAME
BENEFICIARY ID	COUNTRY CODE	BIRTHDAY		LAST NAME
TOTAL COST		PROJECT ID		BIRTHDAY
		FUNCTION		

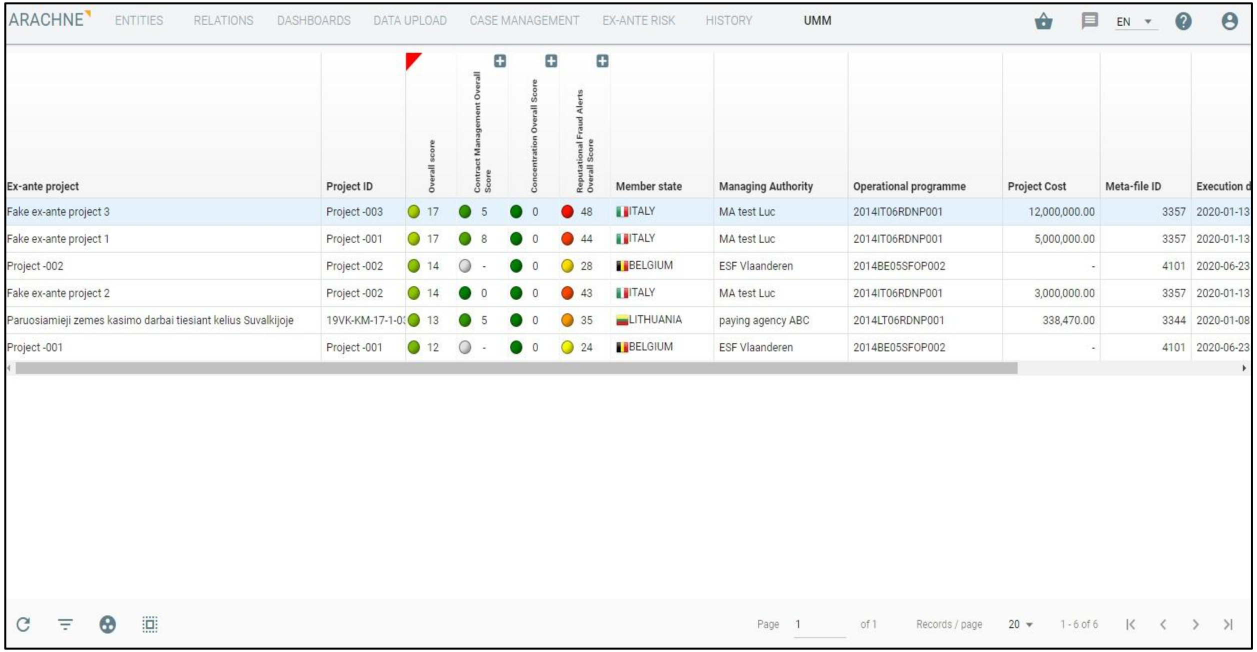
Upload and validation of files on Arachne system

From main menu of the Arachne application EX ANTE RISK is selected and in the dropdown list are shown the options: file Upload, Upload History and file Validation.

In the dashboard, it is possible to verify whether the file has been correctly processed

EX ANTE results

Below is the visualization of risk indicators on the platform Arachne



Ex-ante project	Project ID	Overall score	Contract Management Overall Score	Concentration Overall Score	Reputational Fraud Alerts Overall Score	Member state	Managing Authority	Operational programme	Project Cost	Meta-file ID	Execution d
Fake ex-ante project 3	Project -003	17	5	0	48	ITALY	MA test Luc	2014IT06RDNP001	12,000,000.00	3357	2020-01-13
Fake ex-ante project 1	Project -001	17	8	0	44	ITALY	MA test Luc	2014IT06RDNP001	5,000,000.00	3357	2020-01-13
Project -002	Project -002	14	-	0	28	BELGIUM	ESF Vlaanderen	2014BE05SFOP002	-	4101	2020-06-23
Fake ex-ante project 2	Project -002	14	0	0	43	ITALY	MA test Luc	2014IT06RDNP001	3,000,000.00	3357	2020-01-13
Paruosiamieji zemes kasimo darbai tiesiant kelius Suvalkijoje	19VK-KM-17-1-0:	13	5	0	35	LITHUANIA	paying agency ABC	2014LT06RDNP001	338,470.00	3344	2020-01-08
Project -001	Project -001	12	-	0	24	BELGIUM	ESF Vlaanderen	2014BE05SFOP002	-	4101	2020-06-23

The indicators available in the Ex Ante control panel are a subset of the indicators present in the Projects panel.

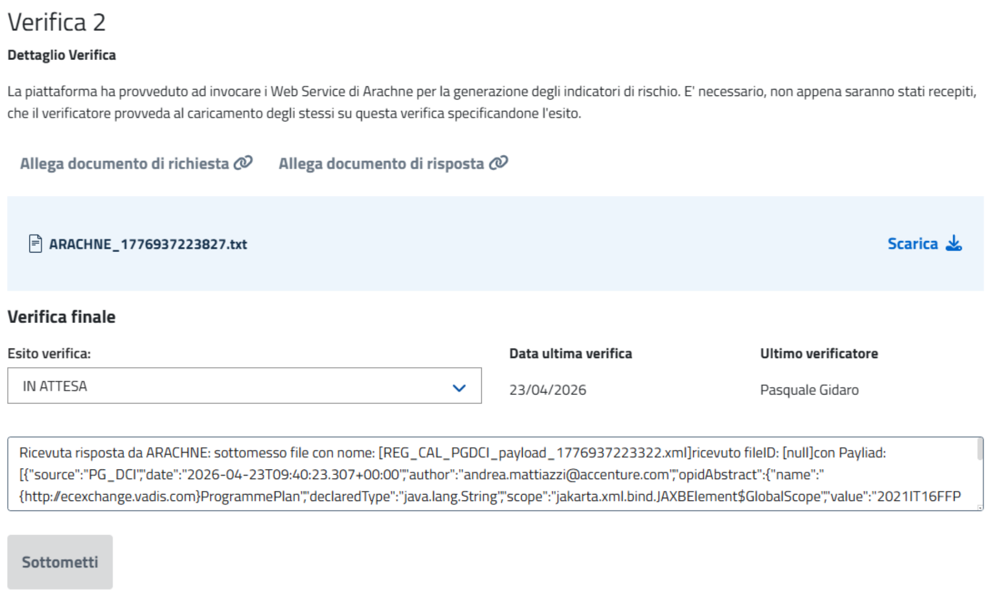
The categories available are:

- contract management
- Concentration
- Risk for the reputation and fraud alert.

EX ANTE visualization on the PG-DCI platform

This screen displays the summary page of controls via ARACHNE EX-ANTE

The verifier will report the ex-ante verification results on the PG-DCI platform.



The prototype
Phase 1 - Step 2

Planned developments: from new interoperability capabilities to the use of virtual assistants for operational support

Evolution of interoperability

Below is a summary of the upcoming initiatives aimed at evolving the interoperability model:

AGENZIA DELLE ENTRATE

Patrimonial data is considered crucial for the advanced implementation of KPIs to identify risks related to financial ties.

CRIMINAL RECORDS

Retrieval of information on pending charges and additional elements relevant to integrity and reliability verifications of declarants

ARACHNE +

Evolution of interoperability to meet the standards of the new platform version Arachne, acquiring risk indicators and affinity controls.

SIURP 2.0

Start of interoperability with Regione Calabria new system for the retrival of project information for the involved declarants

ANAC FVOE

Interconnection with relevant dossiers for identifying potential risks due to irregularities and the economic operator's compliance status

The virtual assistant and monitoring

Below is a summary of the upcoming developments to support User Experience and platform monitoring:

AUTOMATION USE CASES

*Introduction of a chatbot that draws directly **from the Knowledge Base** to guide users in using the platform. The assistant transforms the knowledge base into an operational pathway, indicating the actions to take based on role. It serves as a **digital manual** which gives **instructions** and **contextual support**, guiding the user through the data and procedures in the system.*

OPERATIONAL SUPPORT ASSISTANT

AUTOMATED PEC EMAIL ANALYSIS

***Automated analysis** of received PEC emails, with structured **extraction** of relevant **information**. The extracted data is then classified and **categorized within the platform**, enabling correct routing to business processes or responsible offices and archiving in compliance with internal policies.*

CONTROL AUTOMATION

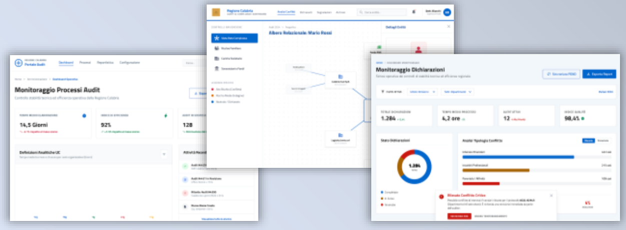
***Automation of controls** and related verifications based on **nuove information** acquired from received PEC emails. The extracted data is **automatically compared** with existing systems, databases and business rules, allowing the detection of inconsistencies, relevant updates or actions to be taken without manual intervention*

The virtual assistant and monitoring

Below is a summary of the upcoming developments to support User Experience and platform monitoring:

MONITORING DASHBOARD

- Interactive executive dashboard for declaration monitoring
- Interactive visualization of the declarant's family tree
- Measurement of average cycle time from submission to closure



DIGITAL SIGNATURE

The digital signature module will be enabled and configured on the platform, with integration to the certification provider, to allow users to digitally sign documents in compliance with current regulations.

REGIONAL DOCUMENT MANAGEMENT SYSTEM

A document management system will be implemented for receiving, managing and archiving PEC communications from the Agenzia delle Entrate and Ministero della Giustizia, ensuring traceability and regulatory compliance.

Thank you for your attention

PG-DCI – Declaration Management Platform

absence of Conflict of Interest