# Step 1. Establishment of the Organizational Strategic Context

External Context I: There is a growing social demand for public services in the country. In view of this, the public budget defined for the coming years indicates that fiscal balance should occur more through increased tax revenue than through reduction of public expenses. However, there is no room for legislative changes that result in the creation of new taxes, or increase in rates, or broadening of the tax base to increase tax revenues. The action, therefore, of the TCA of Altavia will play a fundamental role in the challenge of increasing revenue without creating or increasing taxes.

External Context II: A recently completed opinion survey aimed to identify the attitude of the population, stratified into 5 age groups, regarding the importance of paying taxes and their confidence in the TCA. What was observed is that younger populations, especially those in the age group of 20 to 25 years, showed little confidence in how the TCA operates and have a greater propensity to think it is "acceptable not to pay taxes if given the opportunity" and equally acceptable "to acquire irregularly imported goods if the price is lower".

External Context III. At the same time that the TCA has recorded an increase in the seizure of inregularly imported goods and in the seizure of narcotics and weapons destined for other countries through customs operations, there has been public pressure to ensure greater fluidity of customs clearance, reducing the retention time of imported and exported goods for inspection purposes, thus reducing costs and increasing the country's competitiveness with a view to favoring the Trade Balance.

Internal Context I. The TCA of Altavia still does not calculate the tax gap. The information necessary for this calculation is managed by a separate public agency and there is no legislation or agreement that allows the TCA to access them.

Internal Context II. The vast border territory (especially the land border) is a challenge for customs control by the TCA. Another difficulty refers to the small number of scanners at ports.

Internal Context III. The TCA has a highly skilled workforce. This has allowed for constant innovations in the products and services offered and in the improvement of the institution's internal processes. Recently, the TCA offered a significant number of spots in Postgraduate and Master's courses focused on Data Science and Big Data, and the results can already be seen with the increasingly constant availability of applications involving the use of Artificial Intelligence. There is great potential for streamlining, optimization, and automation of work processes, most of which are already mapped out.

Internal Context IV. There is a full conviction among the internal public that the actions implemented, the innovative solutions developed, and the results achieved by the TCA are not adequately disclosed externally. It is perceived, therefore, that some criticisms made of the TCA could be avoided if there were better dissemination, especially of actions aimed at improving the User Experience (UX).

### Step 2. Identification, Analysis, and Prioritization of Major Strategic Risks (institutional and compliance)

# General Context Risk I.

**Risk Event**: Insufficient influx of resources to meet the budget forecast.

Causes: Non-compliant behavior regarding tax obligations by taxpayers; lack of knowledge of tax gaps; or inefficiency of TCA.

**Impact/Consequence**: Failure to meet the country's social demands.

Classification: This risk statement encompasses a compliance risk, which is caused by taxpayer behavior, and also an institutional risk, whose cause is the absence of installed capacity to calculate the tax gap and the inefficiency of TCA).

# General Context Risk II.

**Risk Event:** Non-compliance with tax and customs obligations by taxpayers and foreign trade actors.

**Causes:** Undue strengthening of the perception that tax evasion, smuggling, and contraband are morally or socially accepted.

Impact/Consequence: Perception of injustice by those who comply with their obligations, reduction in taxes paid, and loss of society's confidence in TCA

**Classification**: This is a **compliance risk**, as the cause is taxpayer behavior.

### General Context Risk III.

Risk Event: High times related to international

**Causes**: Need for verification of compliance and the manner in which this verification is conducted.

Impact/Consequence: Losses to the competitiveness of national products in international trade, higher costs for imports, damage to the country's international image, and loss of society's confidence in TCA's performance.

Classification: It is an institutional risk, since the cause is the verification process currently implemented.

# General Context Risk IV.

Risk Event: Increase in the volume of drugs, narcotics, and weapons in circulation in the country, whether destined for the domestic market or simply passing through to abroad.

**Causes:** High added value of these goods and difficulty in monitoring the vast territorial extent of the border (land and maritime).

**Impact/Consequence:** Insecurity of the population, damage to the country's image, and loss of society's confidence in TCA's performance.

Classification: This risk statement encompasses a compliance risk, caused by the deliberate importation of illicit products, and also an institutional risk, whose cause is the challenge that the border monitoring process represents for TCA.

# General Context Risk V.

**Risk Event:** Society's lack of knowledge about the actions, solutions, and results delivered by TCA.

**Causes:** Insufficient or nonexistent accountability or disclosure.

**Impact/Consequence:** Loss of society's confidence in TCA.

**Classification:** This is an **institutional risk**, as the cause is the process of accountability and transparency.

### Step 3. Definition of Outcome Objectives

Outcome Objective 1 (001).

Meet the budgetary demand for tax resources.

Outcome Objective 2 (OO2).

Enhance the agility and security of Foreign Trade.

Outcome Objective 3 (OO3)

Boost society's confidence in the way TCA operates.

### Description:

Given the increasing social demand for public services in our country, the public budget defined for the coming years indicates that increasing tax revenue will be crucial for fiscal balance. There is no room for legislative changes that involve creating new taxes, increasing tax rates, or expanding tax bases to increase taxes. Thus, our efficient performance will play a fundamental role in addressing this challenge, especially in light of the increasing public perception that it is not acceptable to avoid paying taxes if given the opportunity and that smuggling and contraband are also reprehensible and harmful to the country's economy, security, and even the population's health.

### Description:

While TCA has recorded an increase in the seizure of irregularly imported goods and narcotics and weapons destined for abroad through inspections of foreign trade operations, there has been public pressure to ensure greater customs clearance fluidity by reducing the retention time of imported and exported goods for inspection purposes, thereby reducing costs and increasing the country's competitiveness in International Trade Balance. The vast border territory, combined with the insufficient resources at our disposal (a small number of scanners at ports), and the growing public perception that it is "acceptable to acquire irregularly imported goods if the price is lower" represent significant challenges for customs control by TCA.

### Description:

Society's confidence in how we manage the tax and customs systems is something that must be constantly expanded. We are convinced that the actions implemented, the innovative solutions developed, and the results achieved by us are relevant. Thus, improving our accountability and external disclosure is an urgent

One point that still generates dissatisfaction is the long response time to taxpayer demands, such as refund requests or legal consultation processes. These two cases lead the occurrences recorded in the Ombudsman's office.

In addition to this disclosure, it is necessary to reverse the observed trend, especially in the younger population, that tax evasion, smuggling, and contraband are morally or socially acceptable, which can lead to a perception of injustice by those who comply with their obligations, strongly affecting society's confidence in our performance.

### Risks involved:

### - Risk OO1.1 (ratification of General Context Risk I)

**Risk Event:** Insufficient influx of resources to meet the budget forecast.

Causes: Non-compliant behavior regarding tax obligations by taxpayers; lack of knowledge of tax gaps; or inefficiency of TCA.

**Impact/Consequence**: Failure to meet the country's social demands.

Classification: This risk statement encompasses a compliance risk, which is caused by taxpayer behavior, and also an institutional risk, whose cause is the absence of installed capacity to calculate the tax gap and the inefficiency of TCA.

# - Risk OO1.2. (ratification of General Context Risk II)

**Risk Event**: Non-compliance with tax and customs obligations by taxpayers and stakeholders.

Causes: Undue strengthening of the perception that tax evasion, smuggling, and contraband are morally or socially accepted.

**Impact/Consequence**: Perception of injustice by those who comply with their obligations, reduction in taxes paid, and loss of society's confidence in TCA.

**Classification**: This is a **compliance risk**, as the cause is taxpayer behavior.

### Risks involved:

### - Risk OO2.1. (ratification of General Context Risk III)

**Risk Event**: High times related to international trade flow

**Causes:** Need for verification of compliance and the manner in which this verification is conducted.

Impact/Consequence: Losses to the competitiveness of national products in international trade, higher costs for imports, damage to the country's international image, and loss of society's confidence in TCA's performance.

**Classification**: It is an **institutional risk**, since the cause is the verification process currently implemented.

# - Risk OO2.2. (ratification of General Context Risk IV)

Risk Event: Increase in the volume of drugs, narcotics, and weapons in circulation in the country, whether destined for the domestic market or simply passing through to abroad.

**Causes**: High added value of these goods and difficulty in monitoring the vast territorial extent of the border (land and maritime).

**Impact/Consequence**: Insecurity of the population, damage to the country's image, and loss of society's confidence in TCA's performance.

Classification: This risk statement encompasses a compliance risk, caused by the deliberate importation of illicit products, and also an institutional risk, whose cause is the challenge that the border monitoring process represents for TCA.

### Risks involved:

### - Risk OO3.1. (ratification of General Context Risk V)

**Risk Event**: Society's lack of knowledge about the actions, solutions, and results delivered by TCA.

Causes: Insufficient or nonexistent accountability or disclosure.

Impact/Consequence: Loss of society's confidence in TC $\Delta$ 

**Classification**: This is an **institutional risk**, as the cause is the process of accountability and transparency.

# - Risk OO3.2. (ratification of General Context Risk II)

**Risk Event**: Non-compliance with tax and customs obligations by taxpayers and stakeholders.

**Causes:** Undue strengthening of the perception that tax evasion, smuggling, and contraband are morally or socially accepted.

Impact/Consequence: Perception of injustice by those who comply with their obligations, reduction in taxes paid, and loss of society's confidence in TCA.

**Classification**: This is a **compliance risk**, as the cause is taxpayer behavior.

# Risk OO3.3. (a new risk)

**Risk Event**: Long waiting times for taxpayers regarding their demands (such as refund requests or legal consultation processes).

**Causes**: High volume of demands, limited resources, and the manner in which these analyses are conducted.

Impact/Consequence: Dissatisfaction of taxpayers, damage to TCA's image, and loss of society's confidence in how TCA manages the national tax and customs system.

**Classification**: This is an **institutional risk**, as the cause is the resources and the method of analysis of the high volume of demands.

### Step 3. Definition of Outcome Objectives)

Outcome Objective 1 (OO1).

Meet the budgetary demand for tax resources

Given the increasing social demand for public services in our country, the public budget defined for the coming years indicates that increasing tax revenue will be crucial for fiscal balance. There is no room for legislative changes that involve creating new taxes, increasing tax rates, or expanding tax bases to increase taxes. Thus, our efficient performance will play a fundamental role in addressing this schallenge, especially in light of the increasing public perception that it is not acceptable to avoid paying taxes if given the opportunity and that smuggling and contraband are also reprehensible and harmful to the country's economy, security, and even the population's health.

#### Risks involved:

- Risk OO1.1 (ratification of General Context Risk I)

Risk Event: Insufficient influx of resources to meet the budget forecast.

ses: Non-compliant behavior regarding tax obligations by taxpayers; lack of knowledge of tax gaps; or inefficiency of TCA.

pact/Consequence: Failure to meet the country's social dema

Classification: This risk statement encompasses a compliance risk, which is caused by taxpayer behavior, and also an institutional risk, whose cause is the absence of installed capacity to calculate the tax gap and the inefficiency of TCA.

- Risk OO1.2. (ratification of General Context Risk II)

Risk Event: Non-compliance with tax and customs obligations by taxpayers and stakeholders.

ses: Undue strengthening of the perception that tax evasion, smuggling, and contraband are morally or socially accepted.

ustice by those who comply with their obligations, reduction in taxes paid, and loss of society's confidence in TCA.

Classification: This is a compliance risk, as the cause is taxpayer behavio

Outcome Objective 2 (OO2)

-----Enhance the agility and security of Foreign Trade.

me Objective 3 (OO3).

Boost society's confidence in the way TCA operates.

Note: for didactic purposes, to facilitate the tracking of reasoning, the breakdown of Outcome Objectives into Internal Process Objectives will be demonstrated only for Outcome Objective 1: Meeting the demand for tax resources.

### Step 4. Brakdown into Internal Process Objectives

Internal Process Objective 1 (IPO1)

Understanding the potential revenue (promoting revenue estimates and gap analysis) and monitoring the evolution of actual revenue collected.

# Description:

Since there is no room for revenue increase through tax increases, TCA's action is fundamental and should focus on reducing the tax gap, which is the difference between potential revenue and actual revenue. Thus, the starting point is to equip TCA with the capacity to assess this tax gap and monitor the evolution of actual revenue towards potential revenue.

# Risks involved:

- Risk IPO1.1.

Risk Event: unclear identification of priority areas of action to bring actual revenue closer to potential

Causes: due to the unknown tax gap (general, by economic sector, by geographical region, etc.).

Impact/Consequence: hindering the achievement of revenue targets by not knowing the taxes, sectors, or segments with the greatest difference between what is actually collected and the potential.

Classification: this is an institutional risk, as it is caused by the absence of an internal process or activity.

Internal Process Objective 2 (IPO2)

Enhance integrated knowledge about the compliance behavior of taxpayers and stakeholders and act appropriately and specifically in relation to each behavior (facilitating, supporting, monitoring, demanding).

# Description:

One of TCA's main responsibilities is to promote tax and customs compliance. To do so, it must define strategies aimed at changing the compliance behavior of taxpayers and stakeholders who do not fulfill their tax and customs obligations. These strategies must be specifically defined for each type of behavior (difficulty in compliance, compliance only if perceived, deliberately not complying) Therefore, having the ability to identify taxpayers' behavior, which is directly influenced by intrinsic factors related to them, is an essential measure for TCA.

# Risks involved:

- Risco IPO2.1:

Risk Event: unable to act specifically in the face of each compliance behavior.

Causes: inability to identify compliance behaviors based on the intrinsic factors of each taxpayer or stakeholder in foreign trade.

Impact/Consequence: impair procedural justice perceived by taxpayers and stakeholders in foreign trade, negatively influence their compliance behavior, with significant damage to revenue and the institution's image.

Classification: this is an institutional risk, as it is caused by the absence of a work process or activity. Internal Process Objective 3 (IPO3)

Achieve efficiency/agility in collecting constituted tax credits.

# Description:

The constitution of tax credits occurs through selfdeclaration (when taxpayers assess and declare their taxes in the various declarations defined by TCA) or through direct action by TCA (in audit procedures). Once the tax credit is constituted, TCA must act to ensure that it is quickly converted into funds entering the public coffers. Factors such as mere default and administrative or judicial discussion of the tax can delay this entry. Therefore, seeking efficiency in work processes aimed at the effective collection of constituted tax credits is an important measure to be implemented.

# Risks involved:

- Risk IPO3.1:

Risk Event: non-conversion of constituted tax credits and effective entry of funds into the public coffers.

Causes: low efficiency of AT&A in its collection, or in the resolution of administrative disputes, or in the monitoring of judicial disputes.

Impact/Consequence: losses in effective revenue due to delays or non-entry of funds into the public coffers.

Classification: this is an institutional risk, as it is caused by the inefficiency of a work process or activity.

### Passo 4. Desdobramento em Objetivos de Processos Internos

# Internal Process Objective 1 (IPO1)

Understanding the potential revenue (promoting revenue estimates and gap analysis) and monitoring the evolution of actual revenue collected.

# Internal Process Objective 2 (IPO2)

Enhance integrated knowledge about the compliance behavior of taxpayers and stakeholders and act appropriately and specifically in relation to each behavior (facilitating, supporting, monitoring, demanding).

#### Internal Process Objective 3 (IPO3)

Achieve efficiency/agility in collecting constituted tax credits.

#### Description:

Since there is no room for revenue increase through tax increases, TCA's action is fundamental and should focus on reducing the tax gap, which is the difference between potential revenue. Thus, the starting point is to equi TCA with the capacity to assess this tax gap and monitor the evolution of actual revenue towards potential revenue.

#### Ricks involved

### - Risk IPO1.1.

Risk Event: unclear identification of priority areas of action to bring actual revenue closer to potential revenue.

Causes: due to the unknown tax gap (general, by economic sector, by geographical region, etc.).

Impact/Consequence: hindering the achievement of revenue targets by not knowing the taxes, sectors, or segments with the greatest difference between what is actually collected and the potential.

Classification: this is an institutional risk, as it is caused by the absence of an internal process or activity.

#### Description:

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#### Risks involved:

### - Risco IPO2.1:

Risk Event: unable to act specifically in the face of each compliance behavior

Causes: inability to identify compliance behaviors based on the intrinsic factors of each taxpayer or stakeholder in foreign trade.

Impact/Consequence: impair procedural justice perceived by taxpayers and stakeholders in foreign trade, negatively influence their compliance behavior, with significant damage to revenue and the institution's image.

Classification: this is an institutional risk, as it is caused by the absence of a work process or activity.

### Description:

The constitution of tax credits occurs through self-declaration (when taxpayers assess and declare their taxes in the various declarations defined by TCA) or through direct action by TCA (in audit procedures). Once the tax credits is constituted, TCA must act to ensure that it is quickly converted into funds entering the public coffers. Factors such as mere default and administrative or judicial discussion of the tax can delay this entry. Therefore, seeking efficiency in work processes aimed at the effective collection of constituted tax credits is an important measure to be implemented.

#### Risks involved:

#### - Risk IPO3.1:

**Risk Event:** non-conversion of constituted tax credits and effective entry of funds into the public coffers.

Causes: low efficiency of AT&A in its collection, or in the resolution of administrative disputes, or in the monitoring of judicial disputes.

Impact/Consequence: losses in effective revenue due to delays or non-entry of funds into the public coffers.

Classification: this is an institutional risk, as it is caused by the inefficiency of a work process or activity.

# Step 5. Breakdown into People, Resources, and Development Objectives

People, Resources, and Development Objective 1 (PRDO1).

Develop the team's data analysis capability.

People, Resources, and Development Objective 2 (PRDO2)

Develop the collection, consolidation, and integration of information regarding the compliance behavior of taxpayers and interveners in foreign trade. People, Resources, and Development Objective 3 (PRDO3).

Improve the management of priority work processes to achieve greater efficiency through their review, optimization, and automation.

### Description:

Given the need for TCA to increasingly handle a significant volume of information from various sources and extract knowledge from these data (such as determining the tax gap), developing data analysis capabilities is a necessary measure.

# Description:

Considering that TCA's actions must be carried out through strategies and treatment measures specifically targeted at the different compliance behaviors of taxpayers and interveners, it is necessary to strengthen cooperation between TCA's technical areas, encourage the exchange (internal and external) of information, knowledge, and analysis techniques, and stimulate innovation and knowledge management in order to lead to the necessary integrated understanding of taxpayers' and interveners' compliance behavior.

# Description:

Promoting adequate management of internal processes (as well as project management and risk management) is necessary to ensure that TCA operates economically, efficiently, effectively, and ethically.

Thus, having identified the work processes with the greatest impact, demand, or deficiencies regarding the needs of taxpayers or interveners in foreign trade, TCA must act to improve the organization and rationality of its activities by reducing and automating repetitive tasks and by seeking and implementing innovative solutions (technological and non-technological).

# Risks involved:

# - Risk PRD1.1:

**Risk Event:** insufficient installed capacity at TCA for adequate data and information processing and analysis.

Causes: necessary competencies for these analyses not being observed in the recruitment processes of new employees or due to a lack of specific training in sufficient numbers towards these competencies.

Impact/Consequence: impacts on the creation and development of institutional intelligence, preventing important knowledge from being available to TCA (such as the tax gap).

**Classification**: this is an **institutional risk**, as it is caused by the inadequacy or insufficiency of a work process or activity.

# Risks involved:

# - Risk PRD2.1:

**Risk Event**: inability to understand the compliance behavior of taxpayers and interveners in foreign trade.

Causes: non-existent, insufficient, non-integrated collection and management of information regarding taxpayers/interveners compliance with tax and customs obligations, and their interaction with TCA.

Impact/Consequence: inability to implement specific and adequate treatment strategies and measures for each compliance behavior, leading to approach errors (for example, applying severe sanctions and penalties to a taxpayer who attempted to comply with a certain obligation and failed), regardless of behavior change towards compliance, and reducing procedural justice perceived by society regarding TCA's actions.

**Classification**: this is an **institutional risk**, as it is caused by the inadequacy or insufficiency of a work process or activity.

# Risks involved:

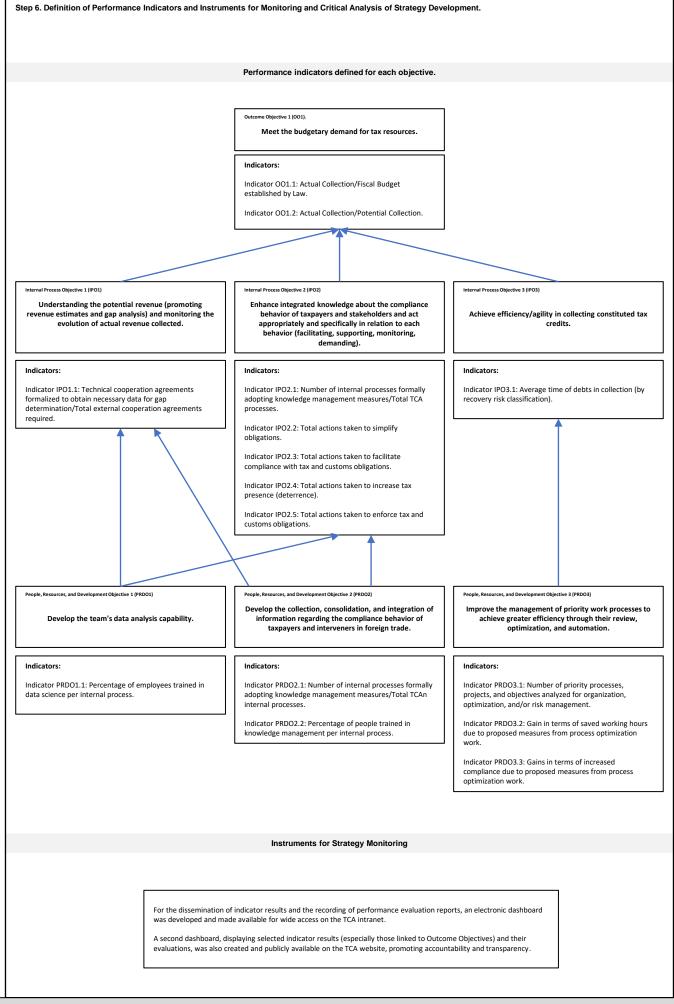
# - Risk PRD3.1:

**Risk Event**: internal processes not rationalized, optimized, or without the necessary resources or controls.

**Causes**: absence of a permanent process for reviewing and improving the work processes of the institution.

**Impact/Consequence**: damage to institutional economy, efficiency, effectiveness, and ethics.

Classification: this is an institutional risk, as it is caused by the absence, inadequacy, or insufficiency of an internal process or activity.



### Step 7. Definition of Strategic Action Plans

Outcome Objective 1 (OO1).

Meet the budgetary demand for tax resources.

#### Indicators:

Indicator OO1.1: Actual Collection/Fiscal Budget established by Law.

Indicator OO1.2: Actual Collection/Potential Collection.

It is not proposed here to implement action plans for the direct achievement of outcome objectives, considering that this would result from the achievement of internal process and people, resources, and development objectives.

#### Internal Process Objective 1 (IPO1)

Understanding the potential revenue (promoting revenue estimates and gap analysis) and monitoring the evolution of actual revenue collected.

#### Internal Process Chiective 2 (IPO2)

Enhance integrated knowledge about the compliance behavior of taxpayers and stakeholders and act appropriately and specifically in relation to each behavior (facilitating, supporting, monitoring, demanding).

### Internal Process Objective 3 (IPO3)

Achieve efficiency/agility in collecting constituted tax credits.

#### Indicators:

Indicator IPO1.1: Technical cooperation agreements formalized to obtain necessary data for gap determination/Total external cooperation agreements required.

#### Indicator

Indicator IPO2.1: Number of internal processes formally adopting knowledge management measures/Total TCA processes.

Indicator IPO2.2: Total actions taken to simplify obligations.

Indicator IPO2.3: Total actions taken to facilitate compliance with tax and customs

Indicator IPO2.4: Total actions taken to increase tax presence (deterrence).

Indicator IPO2.5: Total actions taken to enforce tax and customs obligations.

#### Indicators

Indicator IPO3.1: Average time of debts in collection (by recovery risk classification).

### **Action Plans:**

Action Plan IPO1.1: Research and define, among the methodologies aimed at revenue estimation and tax gap determination, the one that best applies to the current tax system in the country, and implement it.

Action Plan IPO1.2: Strengthen technical cooperation and information exchange with other institutions responsible for managing information that TCA will need to carry out revenue estimates and tax gap determination.

### Action Plans:

Action Plan IPO2.1: Define and implement strategies for collecting and consolidating integrated knowledge about taxpayers' behavior.

Action Plan IPO2.2: Implement coordinated and integrated actions, appropriate and specific to each compliance behavior of taxpayers and interveners in foreign trade, in order to boost compliance with tax and customs obligations.

# Action Plans:

Action Plan IPO3.1: Identify, review, optimize, and automate the most relevant work processes for efficiency and agility in collecting tax credits.

People, Resources, and Development Objective 1 (PRDO1)

Develop the team's data analysis capability.

# People, Resources, and Development Objective 2 (PRDO2)

Develop the collection, consolidation, and integration of information regarding the compliance behavior of taxpayers and interveners in foreign trade.

# People, Resources, and Development Objective 3 (PRDO3)

Improve the management of priority work processes to achieve greater efficiency through their review, optimization, and automation.

# Indicators

Indicator PRDO1.1: Percentage of employees trained in data science per internal process.

# Indicators

ndicator PRDO2.1: Number of internal processes formally adopting knowledge nanagement measures/Total TCAn internal processes.

Indicator PRDO2.2: Percentage of people trained in knowledge management per internal process.

# Indicators:

Indicator PRDO3.1: Number of priority processes, projects, and objectives analyzed for organization, optimization, and/or risk management.

Indicator PRDO3.2: Gain in terms of saved working hours due to proposed measures from process optimization work.

Indicator PRDO3.3: Gains in terms of increased compliance due to proposed measures from process optimization work.

# Action Plans:

Action Plan OPRD1.1: Provide training to develop individuals capable of conducting revenue estimates and tax gap determination.

# Action Plans:

Action Plan OPRD2.1: Develop, through the application of knowledge management and data analysis techniques, a central structure for the integrated collection and processing of information generated from the interaction between various work processes of TCA and the taxpayer or intervener.

# Action Plans:

Action Plan OPRD3.1: Provide training to develop individuals capable of managing and improving priority work processes, organizing and rationalizing their activities by reducing and automating repetitive tasks and by seeking and implementing innovative solutions (technological and non-technological).