Anti-Corruption Management System

IT solution in the field of structured anti-corruption data management based on international standards and principles

Highlights

The system assists the responsible coordinat-ing body (Coordinator) in meeting national / international standards required for the fight against corruption;

It enables measuring the performance and cost effectiveness of an anti-corruption pro-grammes;

It automates the work and increases the effi-ciency and effective-ness of the coordinat-ing institution in an-ti-corruption pro-grammes;

It supports the secure and reliable flow of anti-corruption related information and data in a digital format be-tween the Coordinator and stakeholders;

It raises public aware-ness related to the im-plementation of anti-corruption plans, measures and activi-ties;

It enables the promo-tion of anti-corruption measures and active in-volvement of citizens in the execution of an-ti-corruption activi-ties.

Introduction

The purpose of the Anti-Corrup-tion Management System (ACMS) is to assist the responsi-ble coordinating body to meet the national / international stan-dards required for the fight against corruption. ACMS is built upon an Anti-corruption data fra-mework, i.e. a high-level concept-model built to support the fight against corruption which provides the foundation for increased effi-ciency of the processes related to anti-corruption activities, grea-ter data transparency and accu-racy, and the possibility of mea-suring performance and cost effectiveness of anti-corruption programmes. The core compone-nts of the Anti-corruption data fra-mework are depicted in Figure 1.

The Anti-Corruption Management System provides the necessary IT support for the management of an anti-corruption action plan, anti-corruption measures, anti-corruption activities and the source of funding of those activities. The-se processes usually involve a de-dicated government body (i.e. the "Coordinator") responsible for the implementation and mea-surement of the anti-corruption measures, and other government bodies (i.e. the "Stakeholders") who propose, implement and re-port on the execution of anti-cor-ruption activities which are mea-sured against Key Performance Indicators (KPI) managed in the KPI register. In addition, the exe-cution of planned anti-corruption activities can be linked to budget items (i.e. the source of funding) which are managed in a separate "Budget item register". In turn, these budget items are linked to the state budget management system (if applicable), external to the ACMS.

The Coordinator and stakehol-der's employees need to be trai-ned to be able to identify corrup-
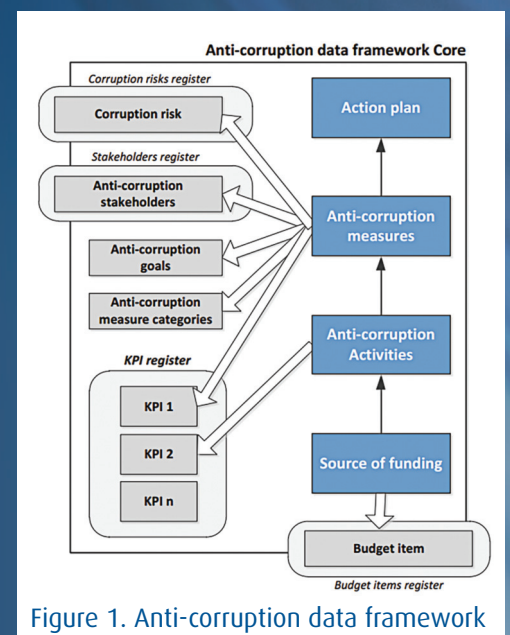

Figure 1. Anti-corruption data framework

tion risks so that a Corruption risk register can be established and managed. The register enables identification of the possible impact of the risk and measures to mitigate the risk. Also, an initial selection of control propositions (i.e. "anticorruption measures") for critical corruption risks can be made from the register.

How the product can help

In many cases, the work of managing and conducting anti-corruption measures and activities involves manual effort, particularly for completing the paper forms, processing the results and providing the required reports. Manual data processing can also result in errors or inaccuracies and can have a low cost/benefit ratio. The provision of an IT solution will automate most manual work and will increase the efficiency and effectiveness of the Coordinator in assessing the levels of success of the anti-corruption programmes being carried out, and thus enable them to make any required improvements or take the necessary action against corruption in a timelier manner.

Main features of the product

The Anti-Corruption Management System (ACMS) aims to enhance the efficiency of the implementation of any anti-corruption policy by providing the Coordinator with a modern information

system, including a central database application to efficiently manage data and information relating to the anti-corruption policy. Via an Intranet connection between the Coordinator's anti-Corruption sector (or its equivalent) and other governmental agencies (i.e. "stakeholders"), it supports the secure and reliable flow of structured information and data between them. It also has an Internet portal to raise public awareness and to enable the flow of information between citizens and the Coordinator.

The basic data flow in the ACMS is shown in Figure 2.

Business values the product brings to customers

The main prerequisite for the implementation of the ACMS are:

• Relevant laws and regulation in the country which support and promote anti-corruption processes;

• Definition of clear working procedures for the coordinator body;

• Clear responsibilities of stakeholders; and

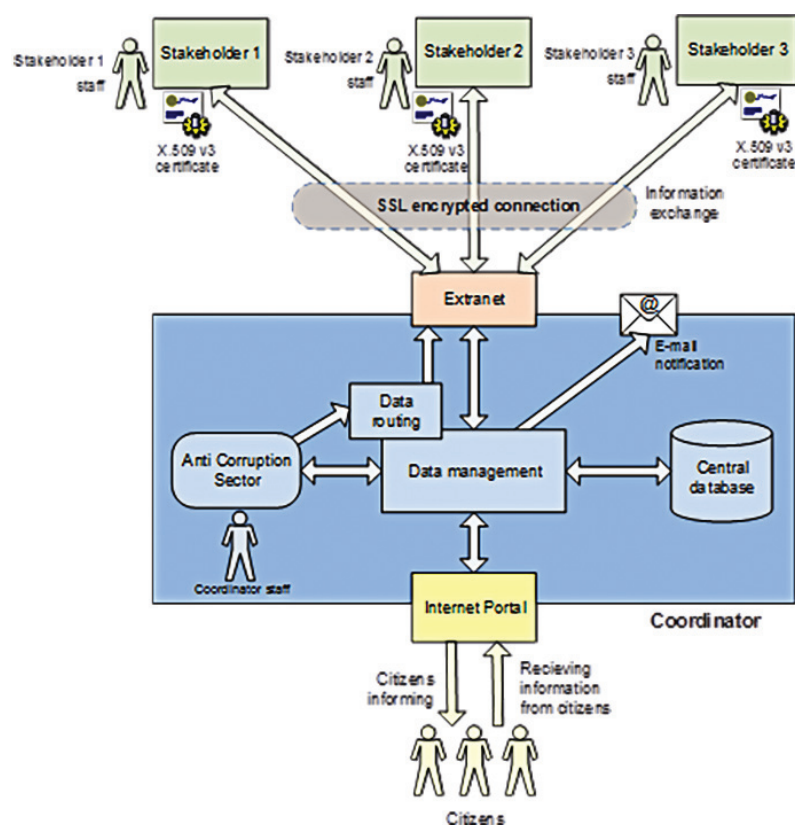• Technical and organizational agreements on data exchange between the coordinator and the stakeholders.

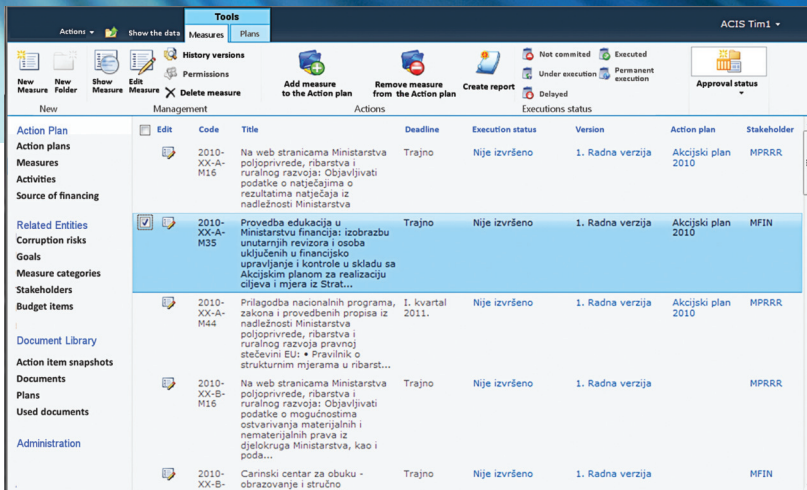Figure 2. The basic data flow in the Anti Corruption Management System

Figure 3. Screenshot of the Anti-corruption data framework application implemented in Croatian Ministry of justice

The implementation of the ACMS and its integration within the business processes of the Coordinator and stakeholders should bring the following benefits:

- Increased efficiency of anti-corruption analysis and reporting: Since the ACMS is built on a powerful IT platform capable of handling large volumes of information in its central database (which may include action plans, measures, activities, risks, resources etc.), it is possible to generate a large number of reports and analyses of different aspects of anti-corruption in real-time;

- Connecting with other anti-corruption compatible IT systems: an established extranet connectivity (i.e. connectivity using the government's data exchange network or equivalent) between the Coordinator and stakeholders allows a higher level of mutual information exchange between them, and also between other interested parties which may include courts, Ministry of Internal Affairs, Ministry of Finance, etc. Such exchange of information is of great impor-

tance for risk estimation related to corruption, for adoption of new anti-corruption measures and for estimating their impact.

- Data mining and business intelligence: The expansion of information content in the central database may lead to applying

data-mining methods and tools and for progressive transition towards business intelligence methods in these fields, which could help the beneficiary to extract additional knowledge from the anti-corruption central database;

- Promotion of anti-corruption measures and active involvement of citizens: An intranet portal allows citizens to communicate online with the Coordinator's staff. In addition, the established technological foundation will allow further development of the transparency concept and progressive transition from the current level of
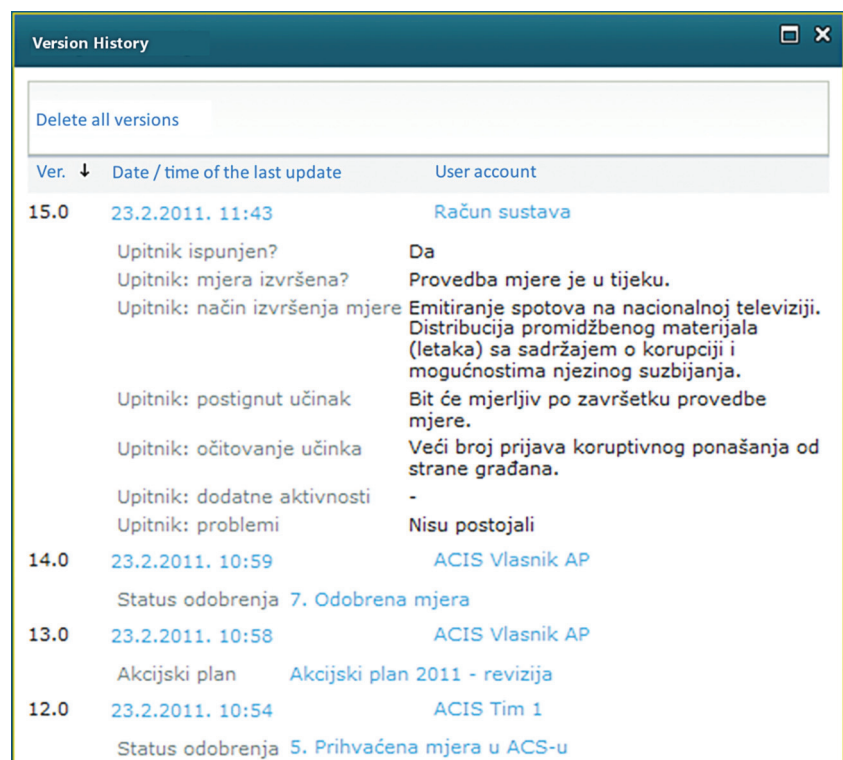

Figure 4. Tracking the version history for each of the anti-corruption measures.

providing information one-way to a future "consultation" phase and subsequently "activation" and "partnership" phases between the citizens and the Co-ordinator.

Case study

The ACMS and the Anti-corruption data framework have been implemented in the Croatian Ministry of Justice.

The purpose of the implementation was to provide an information system with a central database application and Intranet / Internet access, to enable secure and fast two-way communication between the Ministry of Justice and all relevant stakeholders involved in anti-corruption, including citizens. The system as-

Figure 5. Linking anti-corruption measures and the financing from the state budged.

sisted the Republic of Croatia in its preparation for accession to the EU, particularly in the fight against and prevention of corruption, criminal and illegal activities, organized or otherwise.
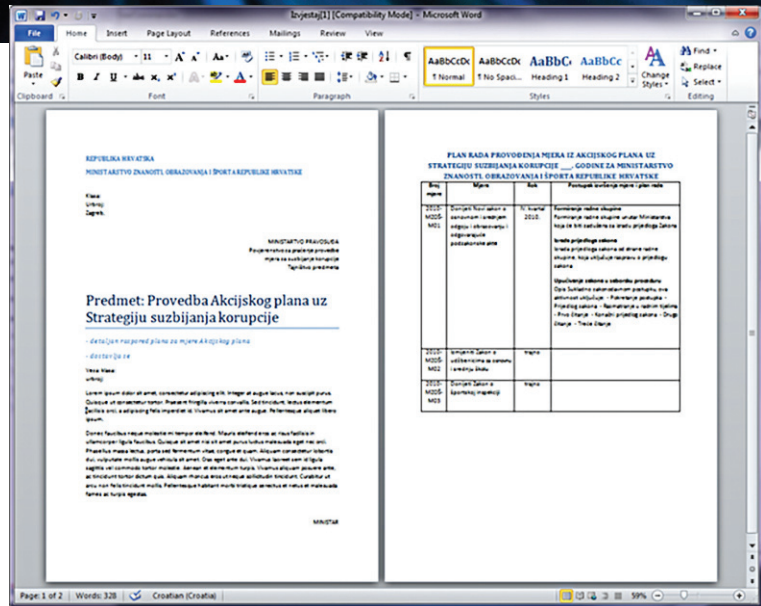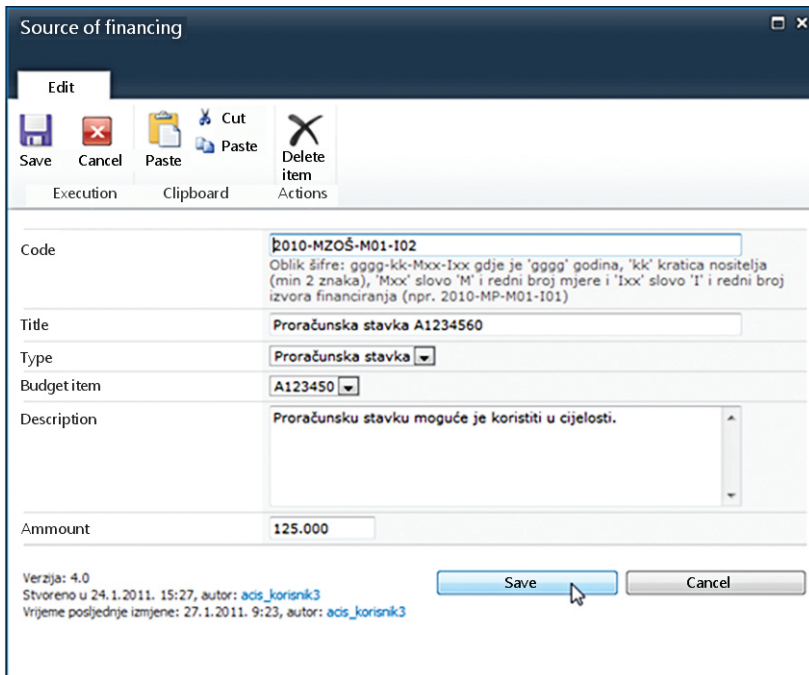

Figure 6. Anti-corruption report generated from the system.

Contact us

If you would like to find out more about the Anti-corruption data system built upon the Anti-corruption data framework, please contact us.

Teched
CONSULTING SERVICES

Capraška ulica 6/VI
10 000 Zagreb, Croatia
Phone: +385 1 4697 600
Fax: +385 1 4697 615
E-mail: teched@teched.hr
Web: www.teched.eu