TRANSPARENCY IN HEALTH ENGAGEMENT PROJECT

Training Workshop

Data Usability and Red Flags Algorithm
Instruments for Transparency and Anticorruption

TRAINING CURRICULA

March 29-30, 2018
High State Audit premises
Tirana, Albania

Prepared by Albanian Institute of Science

Objective

This training workshop id intended for High State Audit officials and auditors and aims to increase the participants' capacity in two important areas namely, transparency and anti-corruption through the implementation of:

- Data Usability in standard auditing reports and any other auditing-related publications;
- A "Red Flags" Algorithm in the work of the auditors.

Training participants and beneficiaries

The participation structure is 10 plus 20. There will be ten people from the Public Relations Directorate, including IT specialists, the Coordinator for Transparency, and specialists involved in publications. The remaining twenty people come from the Audit Department. There will be separate training for each group. However, Data Usability (as an instrument for transparency and anti-corruption) and application of Red Flags as an instrument for identifying risk through algorithms and objective warning will be delivered to both groups. This will be done in a differentiated manner, with the first group focusing mainly on Data Usability, and the second one on Red Flag Algorithms.

Outputs:

Upon completion of this event, the High State Audit officials and auditors are expected to have benefitted the following:

1. Increased competencies, knowledge and capacities among High State Audit Institution officials on Red Flags.
2. Increased competencies, knowledge and capacities among High State Audit officials on Data Usability;
3. Knowledge about the application of algorithms in assessing procurement risk in general, focusing on procurement in the health sector. Models and experiences from the region and beyond. Latest methodologies applied in this area.
4. Skills to identify the advantages of automatic identification of risk in the procurement process through systems and algorithms. Knowledge of elements of integrity in identifying procurement processes (tenders or contracts) that require priority attention in terms of auditing. Comparison with the manual (case by case) approach.
5. Skills to apply the automatic risk assessment in procurement in compliance with the legal framework.
6. Deeper knowledge about new technological systems used by Albanian public institutions in applying risk assessment algorithms for identifying abuse and corruption (e.g. systems used by the Public Procurement Agency, General Directorate of the Treasury, or central and regional Tax Offices).
7. Enhanced capacities about the use of Open Data standards in the interest of transparency, public information, and anti-corruption.
8. Enhanced capacities in using increased access to information about auditing reports published on the website.
9. Expanded knowledge about elements of transparence and integrity.

The quantitative indicators of the training workshop:
1. Ten trained members of the Public Relations Directorate, including IT specialists, the Coordinator for Transparency, and specialists involved in publications.
2. Twenty trained auditors (procurement auditing).
3. Manual on application of elements of risk in the process of auditing tenders in the health sector, part of the work of the expert trainers. Training materials.
4. Models of publication of the High State auditing report data in 2017 in the Open Data format (data that are easy to find, use, and reuse).
5. A Bibliography of literature needed regarding *Data Usability and Risk Calculation in Procurement – identification of Red Flags*

Day I, Thursday, March 29th

Trainers: Julia Hoxha and Isuf Zejna

Facilitators: Aranita Brahaj, Viola Civici, Shefiko Hajna, and Besjana Hysa.

Time: 09:30 – 17:00

Welcome and Introduction 9.30 – 10.00

Session I - Open Data Standard and Usability (10.30 – 11:00 a.m.)

- What is the open data standard
- How can this be implemented into the work of High State Audit
- How can *open data* help the staff in presenting findings of their work

Break 11.00 – 11.15

Session II - How to evaluate the indicators in the risk evaluation process (11:15 – 12:45 a.m.)
- Data of reports regarding the health sector
- Legal framework on open data standard
- Examples and Discussion

Lunch 12.45 – 14.00

Session III - Data Usability, standard for more integrity and anticorruption 14.00 – 15.15
- Presentation of Manual on the identification of red flags in public procurement in the Health Sector.

Break 15.15 – 16.15
Session IV Data Mining
- Data Mining. How to identify issues and facts, which help us detect cases of corruption.
- Automatic Identification Systems, Implementation, and Innovation.
- Exercise

16.15 – 17.00 Discussion and Conclusions 16.15 – 17.00

Day II   Friday, March 30ᵗʰ
Trainers: Isuf Zejna and Julia Hoxha
Facilitators: Aranita Brahaj, Viola Civici, Shefiko Hajna, and Besjana Hysa.

Time: 09:30 – 17:00

Session I - Corruption basics 9:30 –11:00

- What are red flags?
- How can they be implemented into the work of High State Audit
- Best practices from other State Audit Institutions (if red flags are applied in any of them). Methodology to be used.
- Examples and Discussion

Break 11.00 – 11.15

Session II - How to evaluate the indicators in the risk evaluation process 11:15 – 12:45
- Risk evaluation process for public procurement in the health sector
- Defining indicators – manual evaluation vs automatic (algorithm)
- Exercises

Lunch 12.45 – 14.00

Session III - Data Usability, standard for more integrity and anticorruption 14.00 – 15.00
- What are open data (format and standard)
- Transparency, accountability, and integrity through information

Session IV, presentation of Manual on the identification of red flags in public procurement in the Health Sector 15.00 – 16.15
- Manual novelties
- Adoption (of the Manual) to the Albanian legislation on procurement
- Cases for discussion

Discussion and Conclusions, 16.15 – 17.00