



INCOLAB

**Innovative collaboration management of Natura 2000 sites
from the Danube border area**

IMPEL Next Generation Conference

26 September 2018, Zwolle, the Netherlands



CONTENT OF THE PRESENTATION

- NEG organisation and competence
- Natura 2000 sites management
- “Confluenta Olt-Dunare” Natura 2000 site
- Description of INCOLAB application – Citizens Module
- Conclusions and further developments



NEG organisation and competences

- National Environmental Guard (NEG) is the Romanian authority entrusted with the inspection and enforcement of EU & National environmental legislation
- NEG consists of 1 central body (General Commissariat) and 41 county commissariats, Bucharest Commissariat and Danube Delta Commissariat
- NEG is competent for inspection and enforcement of industrial activities, waste activities, chemicals and nature conservation
- NEG has to inspect **85,554 installations** and **985 protected areas** covering around **20% of Romania** (47,780 km²)
- NEG's staff consists of 621 personnel with inspection duties (commissars)
- How to ensure the compliance? New and innovative approaches:
 - ✓ Risk assessment
 - ✓ INCOLAB



Natura 2000 sites management

- The protection and conservation of Natura 2000 sites falls under the responsibility of the National Agency for Natural Protected Areas and National Environmental Guard
- The management of Natura 2000 sites is done by:
 - ✓ **NANPA** and its territorial departments, or
 - ✓ Structures (public or private) specially designed for the management of protected areas = **custodians**
- The main responsibilities of management bodies:
 - ✓ Elaboration and implementation of the site management plan
 - ✓ Evaluation of the management plan
 - ✓ Inspection (cooperation and coordination with NEG)
 - ✓ Sanction of offenders (cooperation and coordination with NEG)



“Confluenta Olt-Dunăre” Natura 2000 site

- Established as Natura 2000 site in October 2007; codified as ROSPA0024
- Surface: 209.5 km²; altitude: highest 53 m, lowest 3 m
- 15 protected migratory birds falling under Annex 1 of Directive 79/409/EEC on the conservation of wild birds (Night heron - *Nycticorax nycticorax*, Spoonbill - *Platalea leucorodia*, Whooper swan - *Cygnus cygnus*, etc.)
- Over 60 other protected species (Blackbird - *Turdus merula*, Coot - *Fulica atra*, Moorhen - *Gallinula chloropus*, etc.)





INCOLAB – Citizen' interface

38% 21:02

GNM



Garda Nationala de Mediu

Phone notices +40-800-672727
Emergency 112

My incidents: 0
Solved: 0

+

41% 13:00

Add incident

Select Area Location

Select category

Incident description

Notification date 16.09.2018 Related code

Contact information
Name / Firstname
Homorean Florin

40% 13:04

Add incident

Phone no.
0740011377

E-mail
homorean@yahoo.com

Latitude

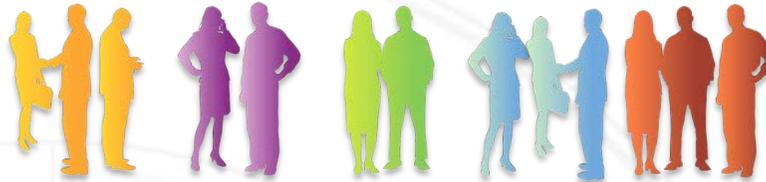
Longitude

SAVE



INCOLAB – Citizen’ module

Incident reporting



Web

Smartphone

INCOLAB

Site web Smartphone



- Dead animals, birds
- Poaching
- Waste dumping
- Destroyed nets
- Destroyed trees and vegetation
- Fires
- Illegal picnic activities
- Pollutants releases to water, soil

Custodian

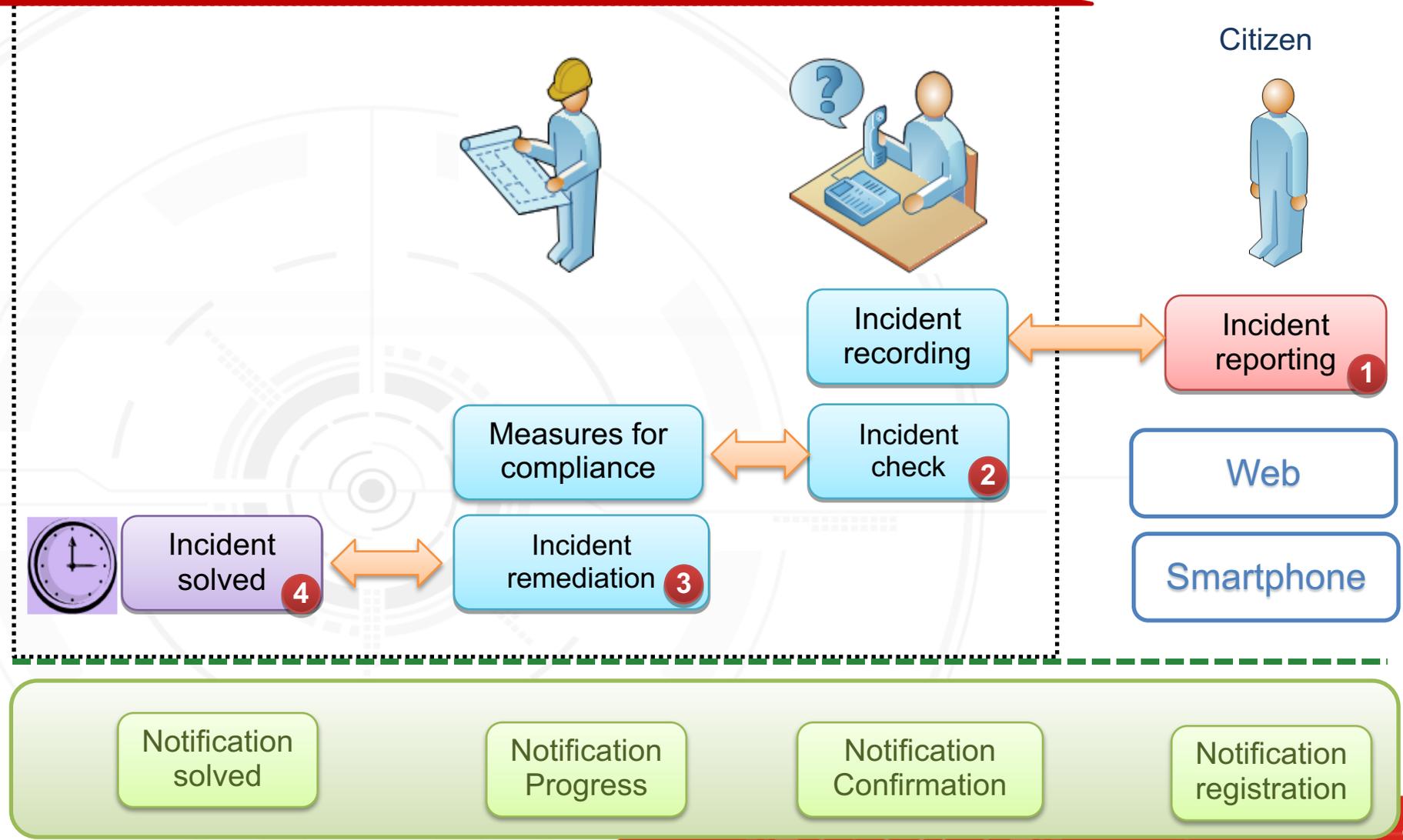
NEG (commissars)

NOTIFICATIONS



INCIDENT REPORTING

INCOLAB: custodians, NEG





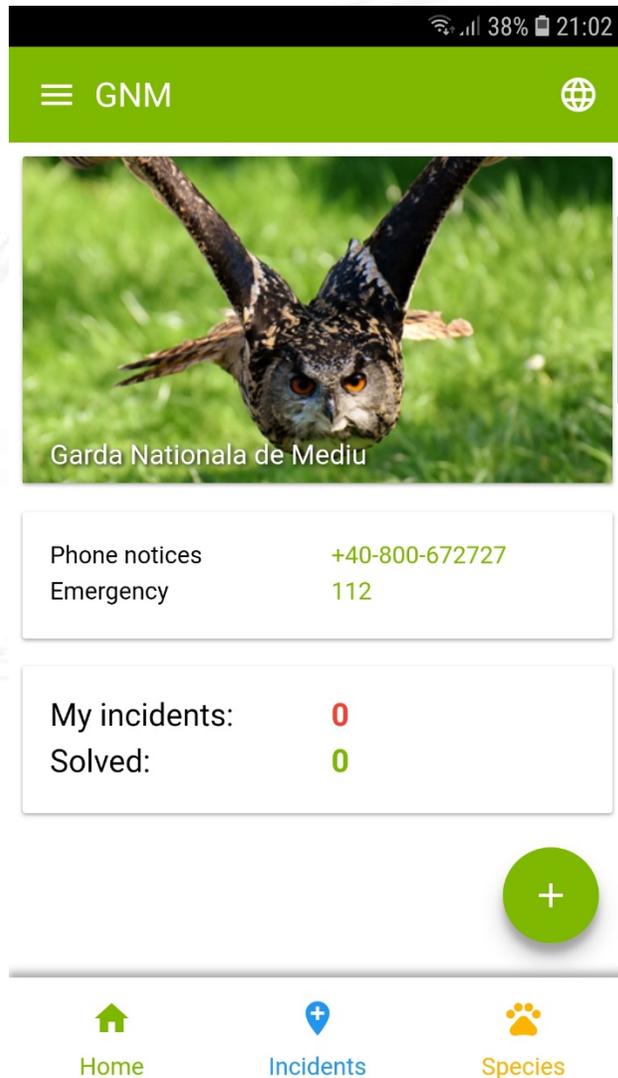
INCOLAB – Incident' Map

The screenshot shows a web browser window with the URL <https://incolab.gnm.ro>. The page title is "Hartă incidente". The navigation bar includes "Acasă" and "Hartă". The main content area displays a map of the Confluente Olt-Dunăre (sit SPA) area. Two incident pop-ups are visible:

- Incident 1:**
 - Cod incident: RO-100025
 - Categorie: Braconaj
 - Status sesizare: ÎN LUCRU
 - Descriere: nnnnn
 - Creat la: 2018-07-16
 - Detalii [Detalii](#)
 - [Adaugă incident asociat](#)
- Incident 2:**
 - Cod incident: RO-100002
 - Categorie: Incendii
 - Status sesizare: REZOLVAT
 - Descriere: Test
 - Creat la: 2018-07-09
 - Detalii [Detalii](#)
 - [Adaugă incident asociat](#)

The map shows various locations including Olteanca, Segarcea-Deal, Vale, Lița, Giuvărăști, Ursa, Idoveni, Gărcov, Turnu Măgurele, Ciuperceni, Poiana, Traian, Srednyak, Nikopol, Черковица, and Сомовит. Roads like DJ54, DJ546, DN54, DN52, DN51A, and DN65A are also visible.

INCOLAB – Protected species info





CONCLUSIONS & FURTHER DEVELOPMENTS

- Although INCOLAB was recently launched by NEG, it has already proved its value for organising and conducting NEG inspections on Natura 2000 sites from Danube border area
- The application provides pieces of evidence on incidents that may affect the integrity and welfare of natural habitats or protected species
- INCOLAB also allows NEG to identify routes used by poachers and illegal activities (quarries, waste dumps)



CONCLUSIONS & FURTHER DEVELOPMENTS

- NEG is currently shaping its enforcement interventions based also on the information provided by citizens through INCOLAB
- Testing INCOLAB on “Confluenta Olt-Dunăre” Natura 2000 site was a “pilot project” that will be extended to other protected areas in our country
- If you are interested, the application is flexible enough to be used in other countries



Thank you for your attention!

Florin Homorean
National Environmental Guard