



# **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 km<sup>2</sup>)
- 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 km<sup>2</sup>; 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 Națională 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

Home

Incidents

Species

Home

Incidents

Species

Home

Incidents

Species



# 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

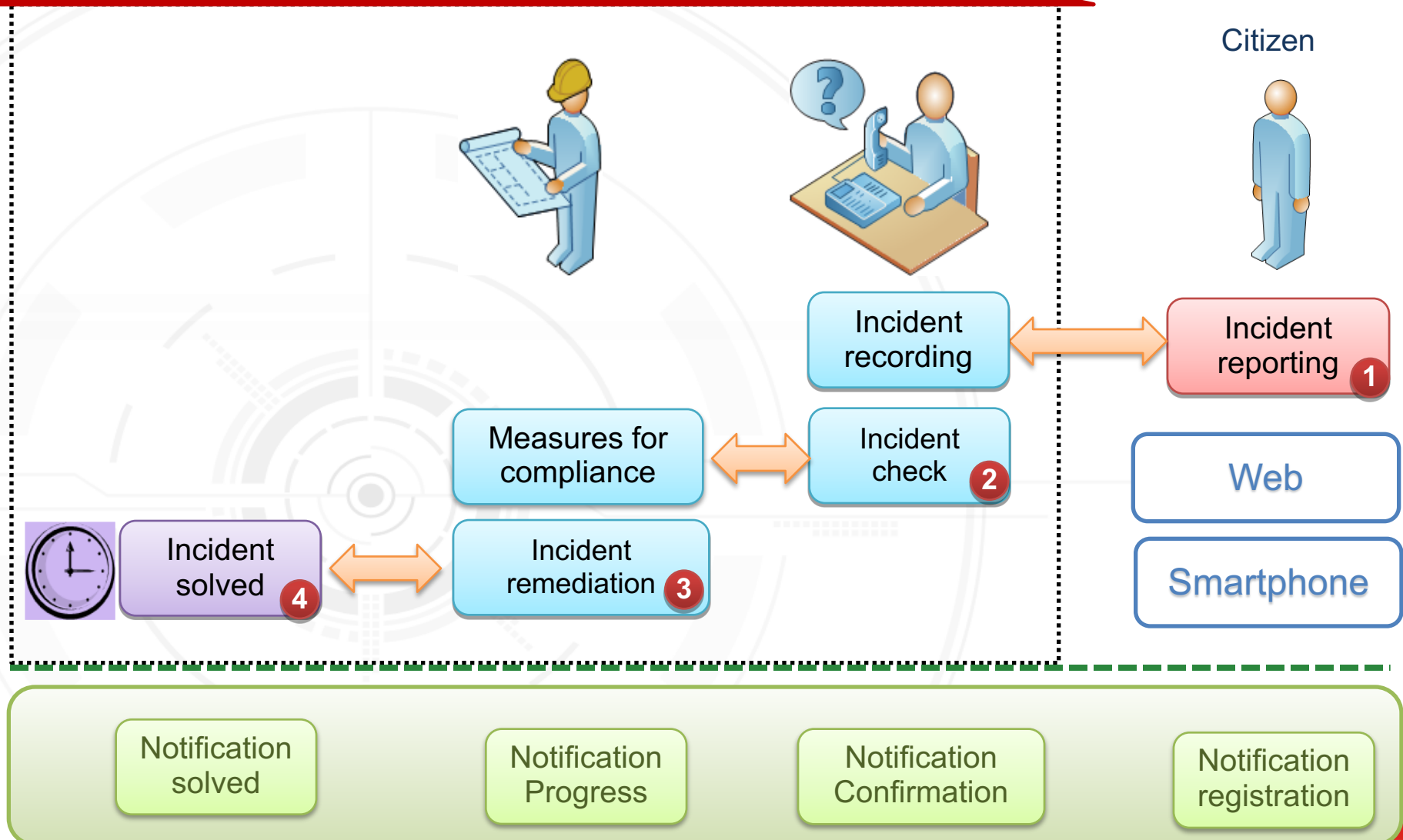
NEG (commissars)

NOTIFICATIONS



# INCIDENT REPORTING

INCOLAB: custodians, NEG







# INCOLAB – Incident' Map

Hartă incidente x

Secure | https://incolab.gnm.ro

Acasă Hartă

Cod: ROSPA0024 - Pentru informații suplimentare, vă rugăm să ne contactați! [contactROSPA0024@incolab.gnm.ro](mailto:contactROSPA0024@incolab.gnm.ro) Confluența Olt-Dunăre (sit SPA) Filtre Incident ro

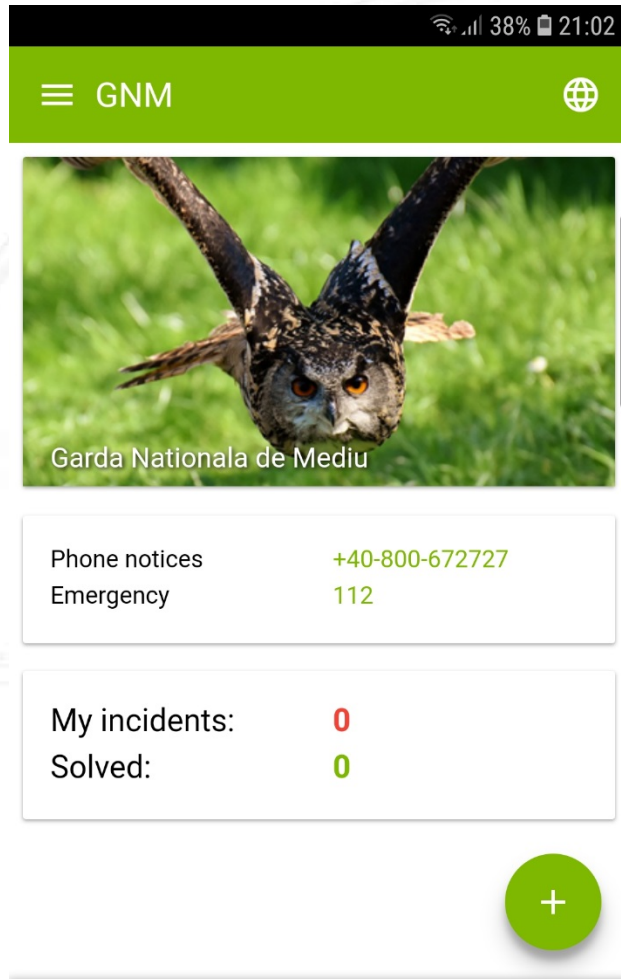
**Incident 1 (RO-100025):**

- Cod incident: RO-100025
- Categorie: Braconaj
- Status sesizare: ÎN LUCRU
- Descriere: nnnnn
- Creat la: 2018-07-16
- Detalii [Detalii](#)
- [Adaugă incident asociat](#)

**Incident 2 (RO-100002):**

- Cod incident: RO-100002
- Categorie: Incendii
- Status sesizare: REZOLVAT
- Descriere: Test
- Creat la: 2018-07-09
- Detalii [Detalii](#)
- [Adaugă incident asociat](#)

# INCOLAB – Protected species info



Home



Incidents



Species



Home



Incidents



Species



Acasă



Incidente



Specii



## 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**