

concaawe



# COPEX 2014

## **CONCAWE Oil Pipelines Management Group Ad Hoc Committee Proposal for EU-wide One Call System**

- ▶ Context & Objectives
- ▶ Philosophy & Scope of work
- ▶ Participants & Mechanism
- ▶ Business Model & Technical aspects
- ▶ Legal support & Penalty System
- ▶ Next steps / References



- ▶ Third Party Activities remain a major cause of incidents in Europe
  - ▶ Over 40% of total spillage incidents since 1971
  - ▶ Still 30% of spillage incidents over last 5 years
- ▶ CONCAWE OPMG is involved in improving performance of oil pipelines companies by identifying and addressing issues where improvement is possible
- ▶ A possible way of improvement is the use of what is called One Call System (OCS) where all parties involved in pipeline operation and in excavation works around them share, on a single tool, necessary information prior to any work
- ▶ OCS are already embedded in Dutch and French legislations
- ▶ In 2012 Concaawe OPMG has created an Ad Hoc Group (AHG) to consider options for the promotion and development of a EU-wide OCS



- ▶ To prevent interference with underground networks, the proposed system should be the unique entry point for registration for concerned networks and for all planned potentially damageable excavation works
- ▶ An incident can have economical consequences to a network as well as damage environment or harm people around : the proposed OCS should from start be designed to be extensible to all networks
- ▶ In these respects, main AHG objectives are :
  - ▶ Develop a rationale for an EU-wide unified on-call system, focused mainly on onshore pipelines with extension to other underground infrastructures
  - ▶ After examination of features, commonalities and differences, advantages and shortcomings of existing systems in EU countries, establish the desired characteristics of an efficient one call system, which could be applied within the EU
  - ▶ Identify industry stakeholders at EU level and establish appropriate contacts and ensure buy-in within Oil industry at EU and national level



## ▶ Networks

- ▶ Pipeline owners & operators
  - ▶ Oil
  - ▶ Petrochemicals & Chemicals
  - ▶ Gas
  - ▶ Water
- ▶ Water/Sewer infrastructure
- ▶ Electricity
- ▶ Data infrastructure
- ▶ Other buried utilities

## ▶ Third Parties

- ▶ Civil Contractors
- ▶ Construction Companies
- ▶ Farmers / Gardeners
- ▶ Individuals landowners



- ▶ All MCP's\* must be registered
- ▶ Infrastructure MCP polygons and/or maps have to be accessible 24/7
- ▶ All mechanical excavations likely to constitute a danger for a network (appx > 50 cm) are to be reported by third parties
- ▶ Possibility to use OCS for orientation, whether through actual network route or through sensitive width band around it (for security concerns)
- ▶ Obligation for MCP's to react within a reasonable period
- ▶ Accidents and near misses are to be reported



- ▶ OCS business vehicle should be non profit
- ▶ Working costs must be low and shared by all participating MCP's
- ▶ Basic use of OCS by third parties (diggers) must be “free of charge”
- ▶ To ensure the easiest access to third parties (especially individuals), technical specifications should include :
  - ▶ Internet based access to OCS
  - ▶ Modern GIS system
  - ▶ Possible access via Personal Computer and/or Smartphone/Tablet
  - ▶ If needed, alternative access via computers in public places like town halls



- ▶ OCS must be supported by local legislation and/or local authorities
- ▶ In case of “non compliance” a penalty system is applicable
- ▶ This penalty system is a **prerequisite** and must include :
  - ▶ Penalties for not registering and keeping up-to-date the underground infra-structure
  - ▶ Penalties for not consulting the One-Call System prior to intended groundwork
  - ▶ Penalties for groundwork initiated prior to OCS-clearance
  - ▶ Penalties for near misses or risk situations resulting from non-OCS compliance
    - ▶ Cumulative penalties for recidivists
  - ▶ Severe penalties for incidents resulting from non-OCS compliance
    - ▶ In addition to the damage caused and repair costs





- ▶ OPMG and DG-ENVI (European Commission) had a first meeting in December 2013 ; although DG-ENVI showed interest, it is not high on their plans
- ▶ Therefore they advised to contact DG-ENER ; contacts are made and look promising : CONCAWE will attend the next meeting of Thematic Network of Critical Energy Infrastructure Protection in April
- ▶ Identifying industry stakeholders at EU level has started in order to establish appropriate contacts with underground infrastructure operators, priority being given to European trade organizations in Oil, Gas and Chemical Industries and Eurelectric
- ▶ OPMG will finalize specifications of proposed OCS :
  - ▶ based on above characteristics
  - ▶ buyable within Oil industry and others stakeholders
  - ▶ enforceable at EU and National level



- ▶ There are three systems in operation in the EU that could be a platform for further development :
  - ▶ The Netherlands (KLIC online)
  - ▶ France (Guichet Unique)
  - ▶ UK (Linewatch/Linesearch) not mandatory

concaawe



**Thank you for your attention**