



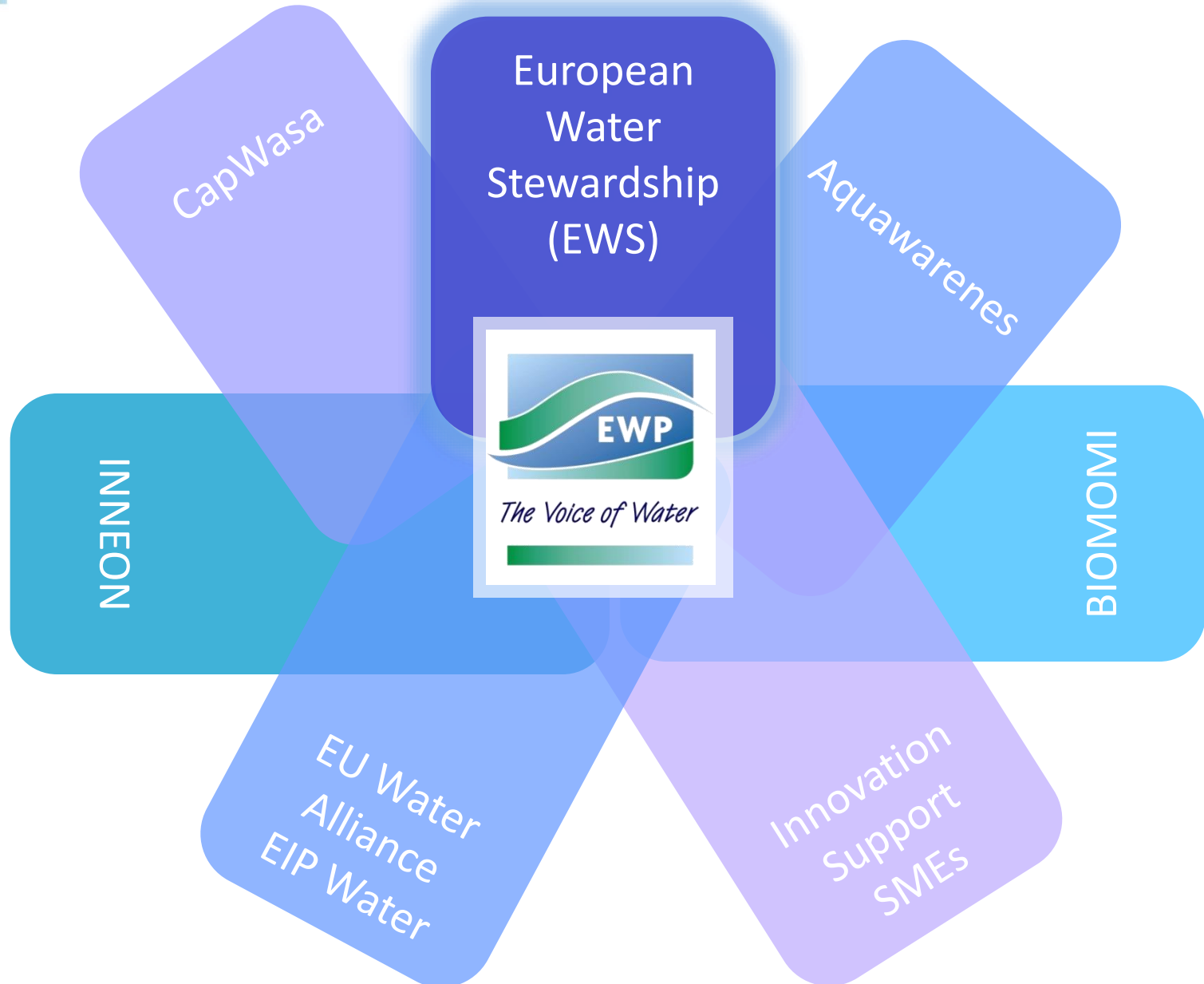
# **Experiences with Water Stewardship in Industry**

## **Meeting of NICOLE Industry Sub-Group**

Brussels, November 4th, 2015

Tom Vereijken

# EWP Portfolio – Current status





# Water Stewardship global definition

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*“The use of water that is:*

- ***socially equitable***
- ***environmentally sustainable***
- ***economically beneficial***

*achieved through a **stakeholder-inclusive process** that involves **site- and riverbasin-based actions**.*

*Good water stewards understand their own water use, river-basin context and **shared risk** in terms of water governance, water balance, water quality and important water-related areas;*

*..and then engage in meaningful individual and **collective action**.”*

# Cross-sector focus

Chemicals and Paper



Meat Processing



Airports



Agriculture



Water Service providers



Beverage & Breweries



Automobile industry



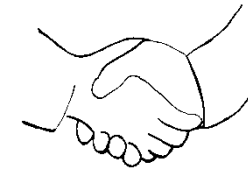
Cement Industry



Cities and Municipalities

River Basin Partnerships

Policy Partners





# EWS Structure



## STANDARD

Document information

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Language: English  
Date: Dec 2012

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EWS Principles

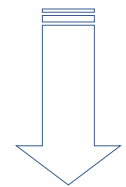
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EWS Criteria

17

EWS Indicators

49



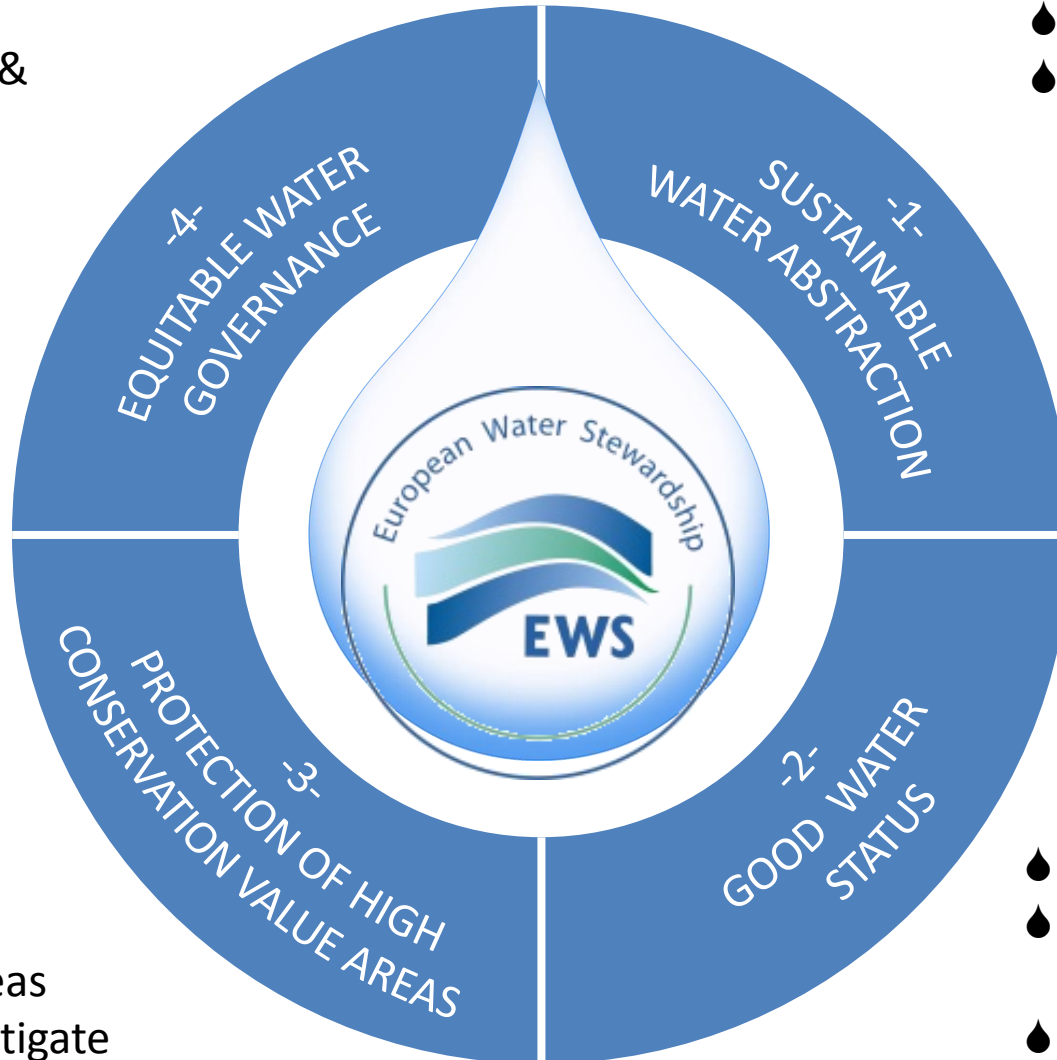
MAJOR 

MINOR 

RECOMMENDATION



# 4 Water Stewardship Principles



- Engagement (stakeholders & supply chain)
- Energy-water nexus
- Transparency
- Efficiency

- Source integrity
- Assess and mitigate impacts

- Know HCV areas
- Assess and mitigate impacts

- Input analysis
- Regulatory obligations
- Assess and mitigate impacts



# Water Stewardship Process





# EWS Implementation

## SELF-ASSESSMENT

Internal identification of water management gaps. Provides information to develop a water management strategy .



- Internal performance assessment
- Information

## PRE-SCREENING

Consultant evaluates performance of water management on site. Assess needs to ensure EWS standard compliance.



- Pre-screening report
  - Gap analysis
  - Performance evaluation

## CERTIFICATION

On site audit from accredited certification body to certify compliance with EWS standard.



- Audit report
- Certificate (valid for 3 years)

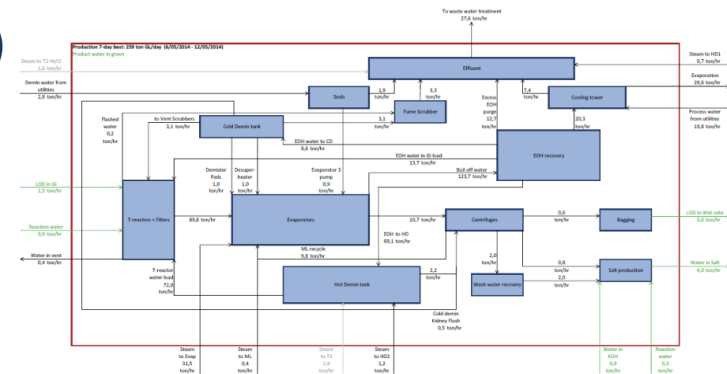
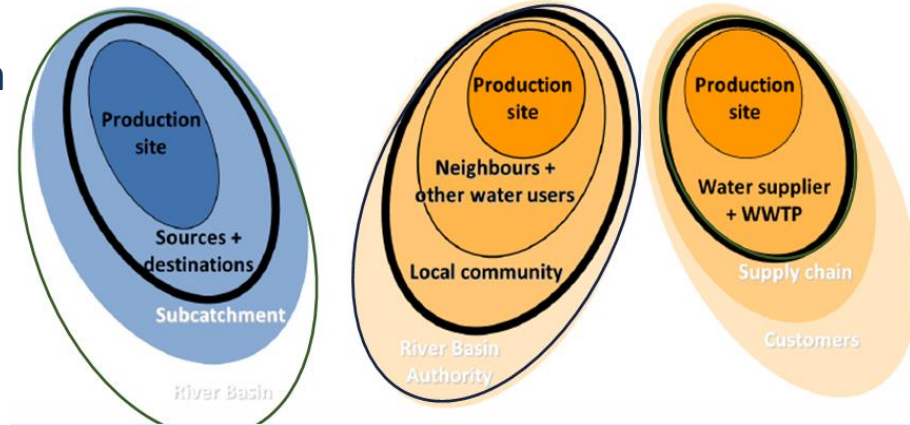


# Case: actions taken

- **Water supply:**
  - Info on River Basin Management Plan
  - Control on water intake
- **Water discharge:**
  - Screening impact of used products
  - priority substances, WFD
- **High Conservation Areas**
  - Know HCV areas
  - Assess and mitigate impacts within 25 km circle
- **Water management strategy:**
  - Define water-energy nexus
  - Define water footprint (identification of losses)
  - KPI's: specific water use/kg product
  - Formulate water strategy

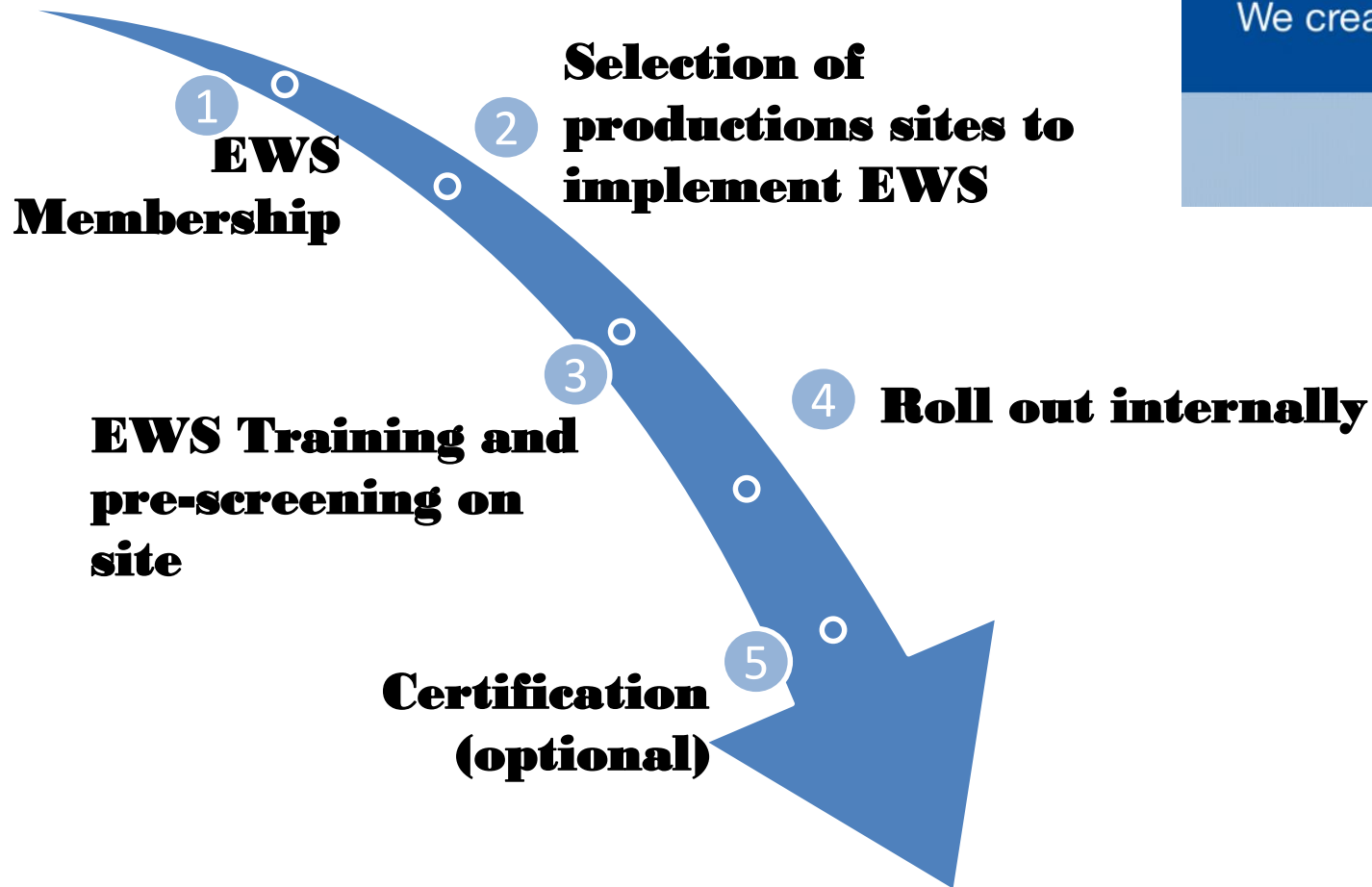
Geographical /Hydrological

Activity/ policy





# EWS Implementation BASF





# EWS Implementation in ECPA

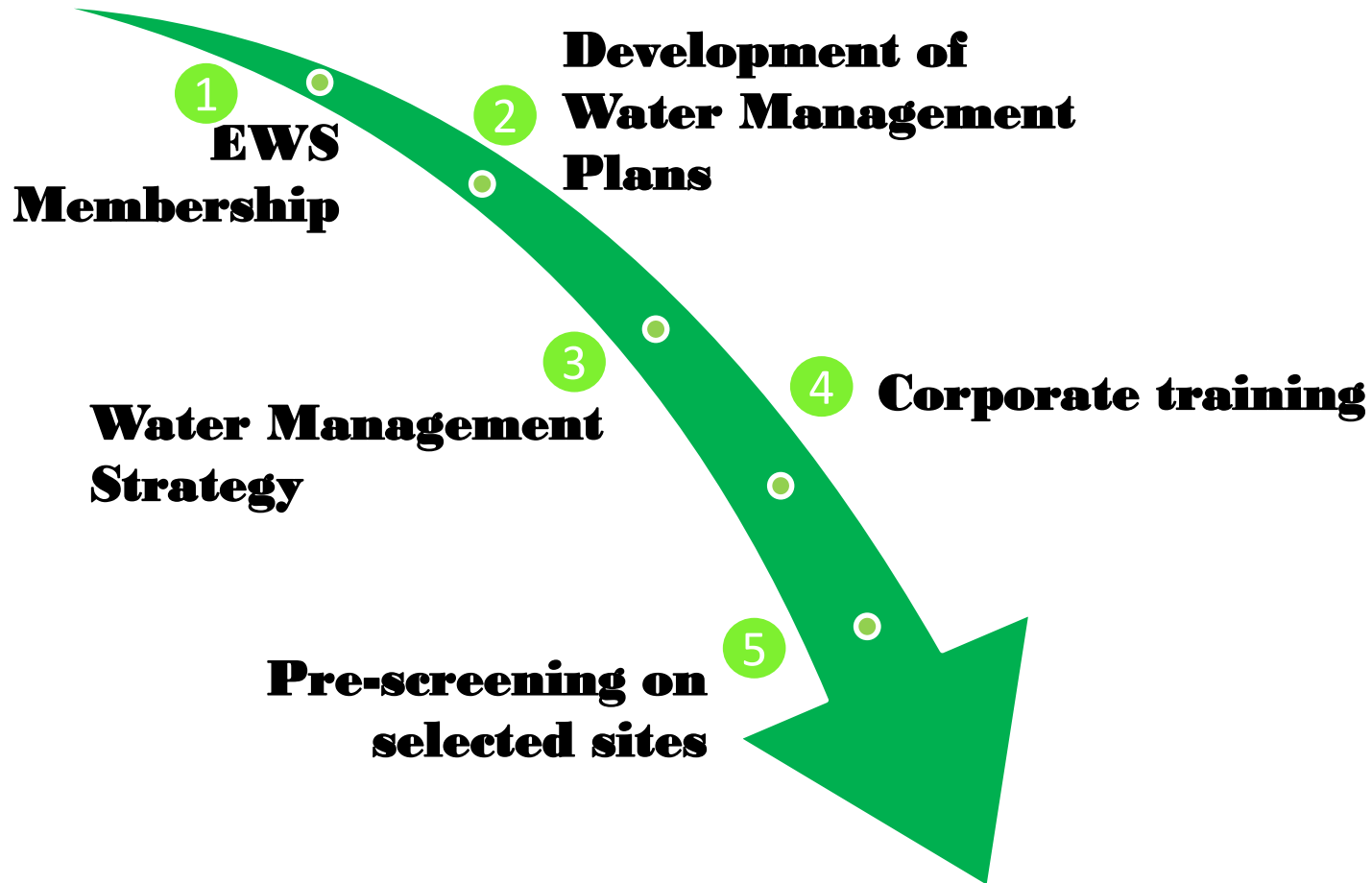


**BASF**  
**MONSANTO**  
**DUPONT**  
**BAYER**





# EWS Implementation in Heidelberg Cement



HEIDELBERGCEMENT  
GROUP

# Certification outcomes



***A certificate of compliance is awarded for a period of 3 years***







# Powerful Communication with EWS Certification



Chaudfontaine® is a registered trademark of H&M. © 2014 The Coca-Cola Company.

Business to Business Correspondence

Advertisement in media and customer correspondence

CSR Reporting

Label on secondary packaging (off-product)





# Why did you chose to implement EWS ?

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**To communicate our work on water**

**To improve our water management on-site**

**To support the development of a water management strategy**

**For guidance on how to assess and mitigate water related risks**





# What did you achieve with the implementation of EWS?

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**Improvement of internal knowledge on how water is managed on-site**



**Improvement of communication with authorities and communities**



**Provide information to our investors on how we manage water related risks**



**Water Savings**



**Implementation of new technologies for water management (re-use, recycling, etc.)**



# What did you achieve with the implementation of EWS?



**Improvement of internal knowledge on how water is managed on-site**

**94% of respondents reported improvement**



**Improvement of communication with authorities and communities**

**53% of respondents reported improvement**



**Provide information to our investors on how we manage water related risks**

**35% of respondents reported improvement**



**Water Savings and wastewater reduction**

**30% of respondents reported water savings up to 50%; waste water reduction up to 10% (Y1)**



**Guidance on implementation of new technologies for water management (re-use, recycling, etc.)**

**18% reported using EWS to guide implementation of new technologies**



# Stories from EWS Water Stewards



Water is local, shared by multiple users and entails complex regulatory challenges



Water requires a strategic approach, addressing long-term risks and opportunities for production



Europe has a tool for strategic management of water and communication of achievements: EWS



# Overview pilot projects, prescreenings and certifications



Pilot Projects  
Prescreenings  
Certifications



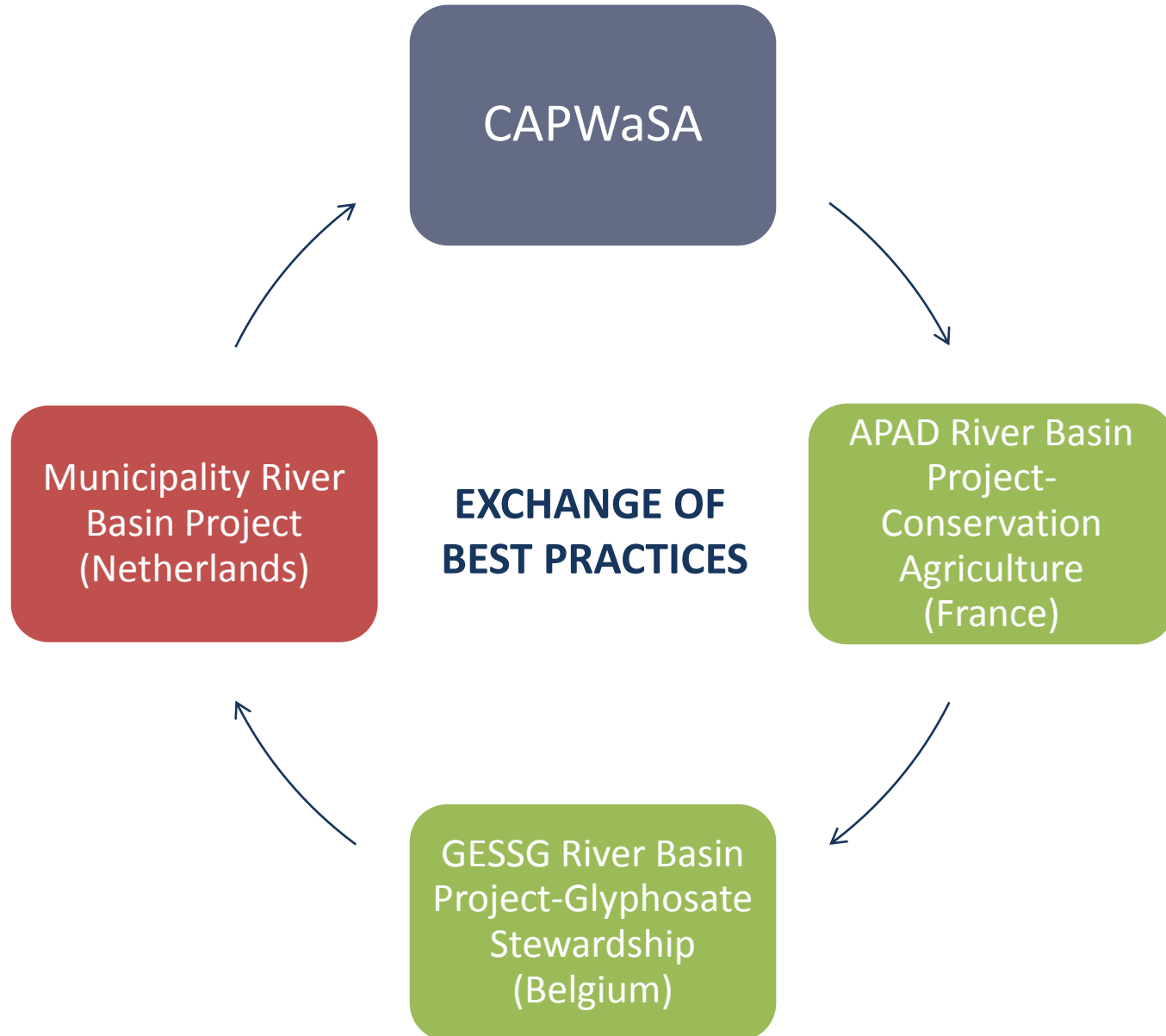


# EWS Urban Stewardship

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# Collective Actions Promoting Water Stewards in Agriculture





# NEW Training Center



**WaterCampus,  
Leeuwarden, The Netherlands**

# Progress overview- EWS

**STANDARD &  
VERIFICATION  
SYSTEM**

Pre-screenings and  
Certifications  
Standard Development  
Committee

**MEMBERSHIP  
&  
GOVERNANCE**

Participation in events  
and conferences

**WATER  
STEWARDSHIP  
TRAINING**

Clients, CB's,  
Implementation  
Partners, Universities





# EWS: Who we work with

Landwirtschaftskammer  
Niedersachsen



Coca-Cola Europe



CONTROL UNION CERTIFICATIONS  
Member of Control Union World Group



Easton Consult  
WATER MANAGEMENT

GLOBALG.A.P.

TUV NORD  
INTEGRA



SGS

Bayer CropScience



ecodes  
tiempo de actuar



ecologic

water witness  
...because we're all downstream



syngenta

HOLMEN

agriglobal

Grontmij



LRQA

VEGRAS



CDP  
DRIVING SUSTAINABLE ECONOMIES

cepi  
confederation of european paper industries



BASF  
The Chemical Company

zenith  
international

European  
Crop Protection



European Environment Agency



cefic



Messe Berlin



HPC

ALLIANCE FOR  
WATER STEWARDSHIP

**Thank you for your attention!**

**more information on:**

**[www.europeanwaterstewardship.com](http://www.europeanwaterstewardship.com)**

**[t.vereijken@ewp.eu](mailto:t.vereijken@ewp.eu)**

**EWS**



**NICOLE**