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**Draft Project plan for the CEN  
Workshop on "Rooting  
undesired (alien) aquatic plants  
– Control by means of rake  
method with a boat"**

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**Requests to participate in the Workshop  
and/or comments on the project plan are  
to be submitted by  
May 6<sup>th</sup> 2022 to [iwan.slabber@nen.nl](mailto:iwan.slabber@nen.nl)<sup>1</sup>**

Recipients of this project plan are kindly requested to name all patent rights known to them to be relevant to the Workshop and to make available all supporting documents.

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<sup>1</sup> Applications for participating in the Workshop and comments on the project plan that are not received by the deadline do not need to be taken into consideration. Once constituted, the Workshop will decide whether or not to consider the comments received in good time.

## Executive summary

This project plan describes the development trajectory to come to a European CEN Workshop Agreement (CWA) for the definition of an innovative rake method using a boat to remove rooting undesired (alien) aquatic plants, which can offer a long-lasting solution to the problem of excess aquatic plants and rooting undesired alien species. Excess aquatic plant growth can cause obstruction of water supply and drainage in canals, it can endanger its biodiversity and it can be an hindrance for water recreationists. This definition offers a guideline for clients in water management to help conduct maintenance and (partial) removal of aquatic plants in a sustainable, ecological and uniform fashion.

The EU Regulation 1143/2014 on invasive alien species has entered into force in 2015. Its goal was to set out rules to prevent, minimise and mitigate the adverse impact on biodiversity of the introduction and spread of invasive alien species within the European Union, both intentional and unintentional. This CWA can be seen in light of this regulation, since the definition of an effective rake method can help minimise the negative impact of invasive alien aquatic plant species and excess growth of native ones.

### CWA

A CWA is a type of standard that is developed within one year. It has the life span of 6 years after which it can be transferred into another type of standard. Stakeholder involvement is key for the success of any standard.

### Planning

Phase	Type	Activities	Who	Date
Kick-Off Meeting	Admin	Circulate proposal	Secretariat	Mon April 4
	Admin	Registration Kick-Off Meeting	Secretariat	Deadline Fri May 6
	Ballot	Commenting round project plan	All interested	Deadline Fri May 6
	Meeting	Online informative meeting: Kick-Off Meeting to discuss project plan	All interested	Thu May 19 (13h-15h)
2nd meeting	Ballot	Internal commenting round CWA	Workshop members	Deadline Fri June 10
	Admin	Registration CWA participant	Workshop members	Deadline Fri June 3
	Admin	Send comments to participants	Secretariat	Fri June 17
	Meeting	CEN WS meeting to discuss CWA	Workshop members	Wed June 22 (13h – 16h) and (possibly) Thu June 23 (10h – 13h)
3rd meeting (optional)	Ballot	Internal commenting round CWA	Workshop members	Fri July 8
	Admin	Send comments to participants	Secretariat	Fri July 15
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Final stage	Admin	Incorporate all comments and take decision to publish	Secretariat & Chair	July/August 2022
	Meeting	Presentation of the CWA	Anyone interested	Q3 2022

### Organisation

Proposer: Harkboot.nl B.V.

Chair: NVWA/NRC (Netherlands Food and Consumer Product Safety Authority / National Reference Centre)

Secretariat: NEN, Dutch CEN Member

## 1 Status of the project plan

Draft project plan for public commenting (Version 1.0)

This draft project plan is intended to inform the public of a new Workshop. Any interested party can take part in this Workshop and/or comment on this draft project plan. Please send any requests to participate or comments by e-Workshop proposer and Workshop participants.

### 1.1 Workshop proposer

Person or organisation	Short description and interest in the subject
Leon Sterk, Veronique Jeanhomme - <i>Harkboot.nl BV</i>	Harkboot.nl BV has created an innovative rake method using a boat to remove rooting undesired (alien) aquatic plants and control its growth. This can offer a long-lasting solution to the problem of excess aquatic plants, which can be an endangerment to biodiversity, be an obstacle for water recreationists and can cause obstruction in water supply and -drainage in canals.

### 1.2 Other potential participants

A CWA is developed in a process with stakeholder participation. Representatives of all categories below are welcome to participate. We would like to encourage organizations to participate via their (European) umbrella organizations where possible.

1. Industry and commerce (including large, small, medium, micro businesses, and representative organizations of business)
2. Public sector (including municipalities, regional governments, ministries and other governmental organisations)
3. Academic and research (including independent advisors)
4. Business area standards application (e.g. test and certification institutes)
5. Non-governmental organization (NGO)
6. Other (e.g. environmental protection)

## 2 Workshop objectives and scope

### 2.1 Background

Excess aquatic plant growth can cause obstruction of water supply and drainage in canals, it can endanger its biodiversity and it can be a hindrance for water recreationists. This CWA sets out a rake method using a boat to remove rooting undesired (alien) aquatic plants, which can offer a long-lasting solution to the problem of excess aquatic plants and rooting undesired species. Through this definition, guidelines produced for clients in water management to help conduct maintenance and (partial) removal of aquatic plants in a sustainable, ecological and uniform fashion.

This standard will support the acceptance and use of this innovative method. The rake method can be used in an effort to support the implementation of the Sustainable Development Goals (SDGs), more specifically SDG 6: Clean Water and Sanitation; SDG 13: Climate Action; SDG 14: Life Below Water and SDG 15: Life on Land.

There are several providers for mechanised removal of rooting aquatic water. It is unclear if these service providers offer sufficient quality as there is no agreement (standard) on what that quality is. To assure sufficient quality of the offered services, a standard is a trusted reference document for clients.

This standard is not directly linked to any legislation. It is a voluntary agreement for different types of organisations to contribute to a diverse and inclusive society. However, some policies and legislations are in place that deal with related topics. In order to avoid any duplications and contradictions, it is important to have an overview of existing policies and legislations (non-exhaustive):

- REGULATION (EU) No 1143/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 October 2014 on the prevention and management of the introduction and spread of invasive alien species <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1417443504720&uri=CELEX:32014R1143>

## **2.2 Scope**

NTA 8037 describes a rake method with a boat for removing undesired rooting aquatic plants and for dealing with their growth. It also describes the requirements that must be met for this method, and sets out how work should be carried out in the field.

The rake method can be used for inland waterways with a depth of 0.6 m or more.

## **2.3 Related activities**

The subject of the planned CWA is not at present the subject of a standard. Nor is there a relevant technical committee for this field.

# **3 Workshop programme**

## **3.1 General**

For the development of the CWA the procedures of CEN-CENELEC Guide 29 will be followed. The CWA will be drawn up in English (language of meetings, minutes, etc.). The CWA will be written and published in English.

### **3.1.1 Announcement**

The announcement of the start of the development of this CWA will be published on the website of CEN and CENELEC and further disseminated via the CEN members and networks.

### **3.1.2 Registration in the kick off meeting**

To participate in the kick off meeting, all interested are invited [to submit a registration form](#).

### **4.1.2 Kick off meeting**

Before the kick-off meeting, stakeholders are welcome to submit comments to the workshop secretariat ([iwan.slabber@nen.nl](mailto:iwan.slabber@nen.nl)) during a 30 days period. These comments will be considered by the chair, proposers and secretariat.

During the kick-off meeting, participants will receive further information on the background of the project. It is an opportunity to gather information on the content of the proposal, objectives and development process. In case stakeholders agree with the project proposal, they are welcome to participate in the actual development of the CWA.

### **3.1.3 Registration as participant**

After the kick-off meeting and before the start of the development of the CWA, participants will be able to [register](#) to become participants in the workshop. Please note that you will need to agree to the exploitation rights and patent declaration, as mentioned in Annex A.

We aim at gathering no more than 50 participants. We seek to gather a balanced group of stakeholder representatives. A 'balanced group' means to have representatives from all categories mentioned in clause 3 of this document and from the 34 CEN and CENELEC member countries. Stakeholders are encouraged to participate via their (European) umbrella organizations where possible. The maximum number of participants per organisation is 2. An overview of the table of contents and preface of NTA 8037 are given in Annex B, in order to provide a general overview of the content of this documents to parties interested.

Joining after the kick-off meeting will be subject to the Chair's approval.

### 3.1.4 Development of the CWA

The first draft of the CWA will be provided by the proposer of the workshop. See Annex A for a schematic overview of CWA part 1. Stakeholders will be invited to submit their comments. These will be discussed by all stakeholders during the CWA meetings.

### 3.1.5 Publication

A list of participants will be added to the foreword of the CWA (or as an annex depending on the size of the list). After discussion of all comments, but before publication, stakeholders will be asked if they would like to see their name mentioned in the final CWA.

As mentioned in the CEN-CENELEC Guide 29, the chair will take the final decision on the publication of the standard (clause 5.5).

As per usual, the final CWA will be made available via all CEN member bodies, usually after payment of a fee.

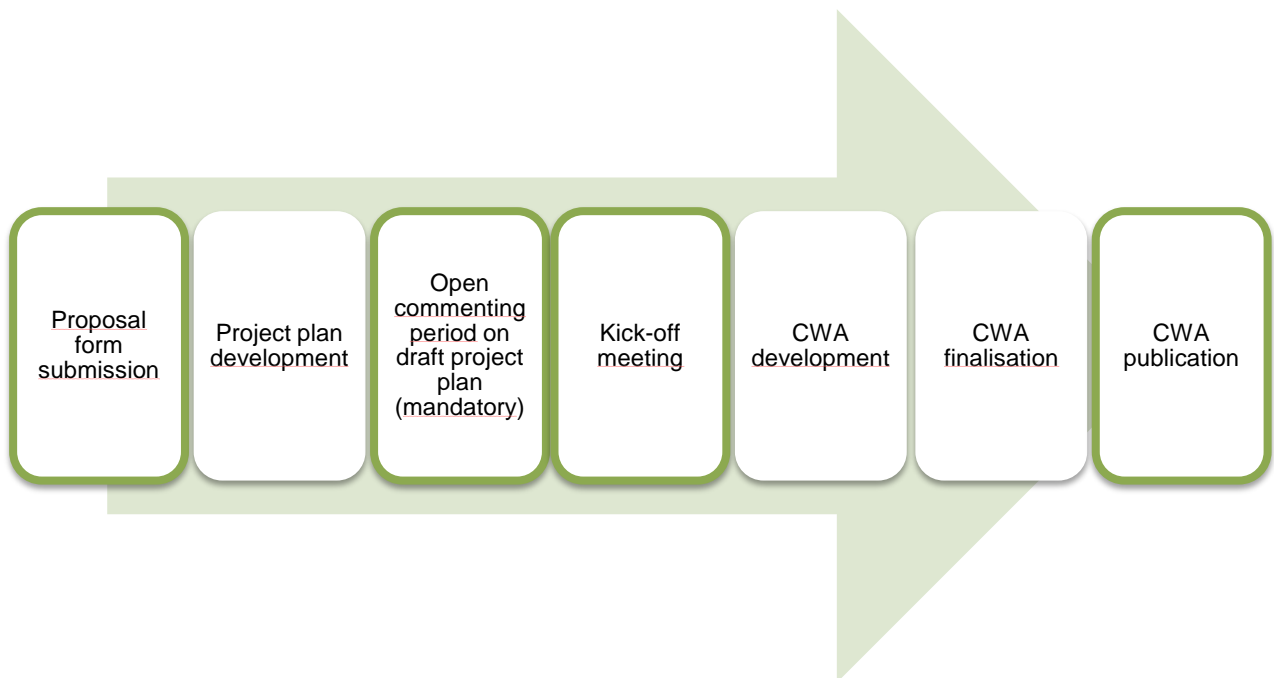
### 3.1.6 Other organizational aspects

The CWA shall be drafted and published in English.

We are keen to include participation from all stakeholders and will do our very best to facilitate any needs. In case you have special needs, please inform the secretariat via the registration form.

Most likely, all meetings will be held remotely, depending on availability of a meeting room and the Covid-19 situation etc.

Figure 1: Schematic overview of development proces



## 3.2 Workshop schedule

Table 1: Workshop schedule

Phase	Type	Activities	Who	Date
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## 4 Resource planning

For participation in this project a participation fee is asked from all participants. This fee will be according to the participants' relative abilities (see table below).

<b>Stakeholder category (categories/cat from clause 1.2)</b>	<b>Fee</b>
Academic and Research (cat 4)	EUR 0,-
CEN Annex 3 organisations (ECOS, ANEC, ETUC, cat 3, 7)	EUR 0,-
NGO < 100 fte (cat 6, 7)	EUR 0,-
NGO > 100 fte (cat 6, 7)	EUR 1.250,- excl. VAT
Public Sector (cat 2, 5)	EUR 500,- excl. VAT
Commerce <10 fte (cat 1, 5, 7)	EUR 2.500,- excl. VAT
Commerce 10 >< 100 fte (cat 1, 5, 7)	EUR 5.000,- excl. VAT
Commerce > 100 fte (cat 1, 5, 7)	EUR 10.000,- excl. VAT

As soon as possible (after the kick off meeting, but before the second meeting of the CWA) transparency will be provided on financials contributions by participants.

All costs related to the participation of interested parties in the Workshop's activities (e.g. travel costs in case of physical meetings) have to be borne by participants themselves. We plan to hold all meetings online.

## 5 Workshop structure and rules of cooperation

### 5.1 Workshop responsibilities

The Workshop Chair is responsible for content management and any decision-making and voting procedures. The Workshop Chair is supported by and the responsible Workshop secretariat, whereby the Workshop secretariat will

always remain neutral regarding the content of the CWA(s). Furthermore, the Workshop secretariat shall ensure that CEN-CENELEC's rules of procedure, rules of presentation, and the principles governing the publication of CWA(s) have been observed.

The list below covers the main tasks of the Workshop Chair. It is not intended to be exhaustive.

- Presides at Workshop meetings
- Ensures that the development of the CWA respects the principles and content of the adopted project plan
- Manages the consensus building process, decides when the Workshop participants have reached agreement on the final CWA, on the basis of the comments received
- Ensures due information exchange with the Workshop secretariat
- Represents the Workshop and its results to exterior

The Workshop secretariat, provided by a CEN/CENELEC national member, is responsible for organising and leading the kick-off meeting, in consultation with the Workshop proposer and Chair. Further Workshop meetings and/or web conferences shall be organised by the Workshop secretariat in consultation with the Workshop Chair, and Workshop proposer. The list below covers the main tasks of the Workshop secretariat. It is not intended to be exhaustive.

- Administrative and organisational contact point for the Workshop
- Ensures that the development of the CWA respects the principles and content of the adopted project plan and of the requirements of the CEN-CENELEC Guide 29
- Formally registers Workshop participants and maintains record of participating organisations and individuals
- Offers infrastructure and manage documents and their distribution through an electronic platform
- Prepares agenda and distribute information on meetings and meeting minutes as well as follow-up actions of the Workshop
- Initiates and manage CWA approval process upon decision by the Workshop Chair
- Interface with CEN-CENELEC Management Centre (CCMC) and Workshop Chair regarding strategic directions, problems arising, and external relationships
- Advises on CEN-CENELEC rules and bring any major problems encountered (if any) in the development of the CWA to the attention of CEN-CENELEC Management Centre (CCMC)
- Administrates the connection with relevant, if any, CEN or CENELEC/TCs

## **6 Contacts**

- Workshop Chair:  
Name: Johan VAN VALKENBURG  
Organisation: NVWA/NRC (Netherlands Food and Consumer Product Safety Authority / National Reference Centre)  
Address: Geertjesweg 15, 6706 EA Wageningen, The Netherlands  
Email: j.l.c.h.vanvalkenburg@nvwa.nl  
Web: <https://q-bankplants.eu/page/Home2>
- Workshop Secretariat:  
Secretary: Tamar ZIJLSTRA  
Secretary support: Iwan SLABBER  
CEN / CENELEC Member: NEN  
Address: Vlinderweg 6, 2623 AX Delft, Netherlands  
Phone: +31 6 401 65 080  
Email: Tamar.Zijlstra@nen.nl | Iwan.Slabber@nen.nl  
Web: <https://www.nen.nl/>
- CEN-CENELEC Management Centre  
Name: Catherine VIGNERON  
Organization: CCMC  
Address: Rue de la Science 23  
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Phone: +32 2550 0878  
Email: cvigneron@cencenelec.eu  
Web: <https://www.cencenelec.eu/Pages/default.aspx>

- Workshop proposer  
Name: Leon STERK (CEO), Veronique JEUNHOMME (Strategic Management)  
Organization: Harkboot.nl B.V.  
Postal address: Hagen 4, 9301ZJ Roden  
Email: info@harkboot.nl  
Phone: +31 (0) 50 364 1584  
Web: <https://www.harkboot.nl/>
  
- Workshop participant  
Name: Roelf POT  
Organization: Roelf Pot Onderzoek en Adviesbureau
  
- Workshop participant  
Name: Kevin SMITH  
Organization: IUCN (International Union for Conservation of Nature)
  
- Workshop participant  
Name: Dr. Jonathan NEWMAN  
Organization: Environment Agency UK  
  
Name: Trevor RENALS  
Organization: Environment Agency UK
  
- Workshop participant  
Name: Alain DUTARTRE  
Organization: UICN Comité Français – Union Internationale pour la Conservation de la Nature  
  
Name: Emmanuelle SARAT  
Organization: UICN Comité Français – Union Internationale pour la Conservation de la Nature  
  
Name: Elisabeth GROSS  
Organization: Université Lorraine



## Annex A

*Registering for a CEN-CENELEC Workshop is intended to be a lightweight-process. The obligations and commitments on yourself and your company are kept to a minimum in order to make registration easy.*

By signing this participant registration, you accept the following conditions:

### Assignment of Exploitation Rights

In order to secure the legal protection of the documents elaborated by the participants to this CEN-CENELEC Workshop, in the framework of the Berne Convention for the protection of literary and artistic works you are asked to accept the following terms and conditions for the assignment of the exploitation rights of your contributions to European standardization:

- (a) Unless otherwise stated, you assign solely, exclusively and irrevocably to the European Committee for Standardization (CEN) and to the European Committee for Electrotechnical Standardization (CENELEC) for the benefit of its national Members the exploitation rights of your intellectual contributions, as are reproduced in the Publications resulting from the technical work of this CEN/CENELEC Workshop, as defined in paragraph 1.2 of [CEN/CENELEC Internal Regulations Part 2](#).
- (b) You accept that the exploitation of the publication related to this CEN-CENELEC Workshop, containing all or part of your contributions, will take place without mention of your/your company/organization name, unless your explicit statement to that effect.
- (c) You accept however that you/your company/organization name is included in the list of parties having agreed a CEN-CENELEC Workshop Agreement and provided by CEN-CENELEC to those requesting this information.
- (d) You agree that this assignment does not preclude you from continuing to exploit your own copyrightable contribution for your own purposes, provided that such exploitation does not adversely affect the exploitation of the Publications specified in (a) above.
- (e) You agree that the assigned exploitation rights are granted free of charge worldwide and cover all languages and all forms of exploitation known at present, in particular and non-restrictively: publication, reproduction and adaptation by all means and all graphical support systems, by print, press, photocopy, microfilms, and via all magnetic, electronic and numerical support systems, memory cards, CD-ROMs, DVDs, Blu-Rays, films, photographs, slides, teledistribution, cable, satellite, web applications and on-line document servers and networks, distribution, sub-distribution, translation, derive revenue from duplication, communication to the public in total or in part, in summary or with comments, transfers of exploitation licences to third parties.
- (f) Should you offer intellectual contributions for which you do not personally hold the copyright, you undertake to declare this as early as possible and to name the holder of the copyright if known to you, with a view to securing the assignment of its exploitation rights to CEN-CENELEC.

### Patent declaration

You acknowledge the provisions regarding declarations of patents as in the [CEN-CENELEC Guide 8 'Guidelines for Implementation of the Common Policy on Patents \(and other statutory intellectual property rights based on inventions\)'](#).

## Annex B

Below, the table of contents and preface of NTA 8037 are provided in order to give a general overview of subjects discussed to interested parties.

### Content

#### Preface

1	Topic and scope .....	<b>Error! Bookmark not defined.</b>
2	Normative references .....	<b>Error! Bookmark not defined.</b>
3	Terms and definitions .....	<b>Error! Bookmark not defined.</b>
4	Requirements imposed on parties and equipment.....	<b>Error! Bookmark not defined.</b>
5	Protocol.....	<b>Error! Bookmark not defined.</b>
	Bijlage A (normative) Preparatory actions to determine the content of the work plan with an ecological work protocol .....	<b>Error! Bookmark not defined.</b>
	Bijlage B (informative) Rake specification .....	<b>Error! Bookmark not defined.</b>
	Bijlage C (normative) Checklist before starting raking .....	<b>Error! Bookmark not defined.</b>

### Preface

NTA 8037 describes how a rake method with a boat should be used to remove undesired rooting aquatic plants. The rake method is an effective but drastic method to reduce the number of aquatic plants in waterways, and therefore it should be applied correctly. This method can produce a long-lasting solution for an excess of aquatic plants and rooting undesired alien plants. The rake method takes account of the wellbeing of aquatic fauna and preventing unnecessary fish mortality. Fish mortality is seen as an indicator for the wellbeing of aquatic fauna.

For water management clients, this document is intended as a guideline for having maintenance work and the full or partial removal of aquatic plants including roots carried out in a sustainable and ecologically responsible manner. Contractors that comply with this standard may state this and use it to obtain an award advantage during tenders.

### **SDGs**

This document makes a contribution to the following Sustainable Development Goals (SDGs) that were agreed by the United Nations:

- SDG 6 'Clean water and sanitation';
- SDG 13 'Climate action';
- SDG 14 'Life below water';
- SDG 15 'Life on land'.