

Capacity building in both
countries' areas for economic
actors; Capacity building in both
countries' areas for local
authorities and technicians;
Awareness activities within
project's area

Final version of 31/12/2021

Deliverable number D 4.2.1; D 4.2.2; D 4.2.3

Project Acronym: NETWAP

Project ID Number: 10047692

Project Title: NETwork of small "in situ" WAsTe Prevention and management initiatives

Priority Axis: 3 Environment And Cultural Heritage

Specific objective: 3.3 Improve the environmental quality conditions of the sea and coastal area by use of sustainable and innovative technologies and approaches

Work Package Number: 4

Work Package Title: Capacity building and raising awareness activities

Activity Number: 4.2

Activity Title: Capacity building and awareness for selected target groups

Partner in Charge: Fondazione Fenice Onlus

Partners involved: All partners

Status: Final

Distribution: Public

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1. Capacity building and awareness raising activities in Italy

The Capacity building and awareness raising activities in Italy were carried out According to the elaborated capacity building and awareness raising activities programs, as defined in deliverables 4.1.1 and 4.1.4.

Considering the pandemic situation, some activities has been implemented online. Also, different target groups have been gathered and invited to the same capacity building activities, avoiding useless duplication. The very reduced dimension of the involved communities (all involved municipalities of Molise Region averaging 1.000/1.500 inhabitants) brings to a systematic overlapping of roles and tasks within the municipal organigrams. For that, the project partners decided to merge capacity building for different target groups.

1.2 Capacity building activities in Italy

The capacity building activities included:

Online webinar: “Metodi e pratiche per la gestione dei rifiuti nei comuni delle aree interne” - Deliverable D 4.2.2 Capacity building in Italy for local authorities

This webinar was held on 27.05.2021 via ZOOM platform

The following documents produced for the webinar are annexed to this report:

- Webinar Program
- Slides presentation: project introduction (Francesco Pulejo – Fondazione Fenice)
- Slides presentation: “Legislation and management of organic waste composting and plastic waste” rules and legislation (Lorenzo Cafiero – ENEA)
- Slides presentation: “Course on composting” (Lorenzo Cafiero – ENEA)
- Video recording of the Webinar
- Record of the participants

Online webinar: “Microplastiche nel cibo e bioplastica nel cibo: una sfida per l’economia circolare” - Deliverable D 4.2.2 Capacity building in Italy for technicians

This webinar was held on 9.07.2021 via ZOOM platform

The following documents produced for the webinar are annexed to this report:

- Webinar program
- Video recording of the Webinar
- Record of the participants

Regional conference in Fossalto: “ Compostaggio locale ed economia circolare” - Deliverable D 4.2.1 Capacity building in Italy for economic actors

The conference was held on 5.11.2021 in the Fossalto Municipality

The following documents produced for the webinar are annexed to this report:

- Conference program
- Slides presentation (Francesco Pulejo – Fondazione Fenice)

1.3. Awareness raising activities in Italy – Deliverable D.4.2.3 Awareness activities within project’s area

The awareness raising activities included:

- 2 online event in Fossalto primary school held on 26.05.2021 and 27.05.2021
- 1 online event in Fossalto secondary school held on 27.05.2021
- 1 event in presence in Fossalto with primary and secondary school students held on 3.06.2021

The following documents produced for the activities are annexed to this report:

- Slides presentation: “Re-plastic”
- Slides presentation: “School plastic game”
- Video: Awareness raising event in Fossalto

2. Capacity building and awareness raising activities in Croatia

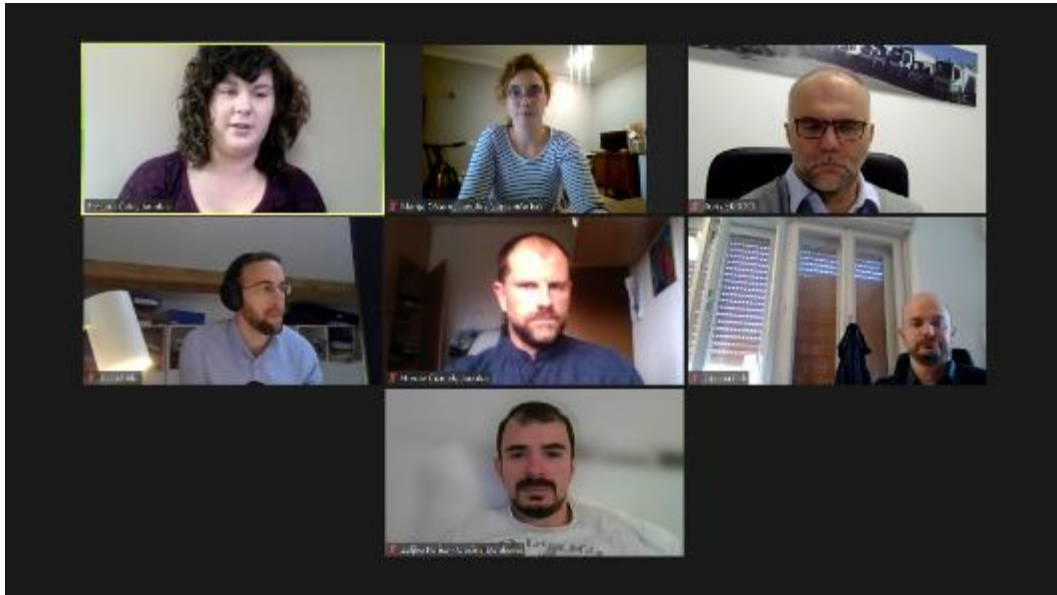
The aim of the activity is to raise the level of understanding of waste decomposition in ecosystems and the transfer of knowledge about the innovative Methodology of waste management in small communities, developed through the NETWAP project.

2.1 Capacity building activities in Croatia

Preparation and implementation of a workshop for capacity building of local authorities - Deliverable D 4.2.2 Capacity building in Croatia for local authorities

Prepared invitations and list of possible participants (in total 26 municipalities in Zadar County)

- Čistoća Ltd send invites to possible participants on 29th of October
- Online on 4th of November from 11 AM to 12 AM
- Included three presentations:
 - Short project NETWAP presentation
 - Waste in small communities - management and education (Barbara Čolić, MSc of Ecology and Nature Protection, Janolus Ltd)
 - Composters in small communities - the example of Ist (Hrvoje Čižmek, MSc of Biology, Janolus Ltd)
- In total 9 participants including representatives of City of Zadar and Čistoća Ltd
- 5 participants representatives of local municipalities (City of Zadar, Stankovci, Sali, Kali)



NETWAP

- **Nacrt Pravilnika za provedbu djelatnosti komunalnog odlaganja biootpada u svrhu kompostiranja koji definira:**
 - Kompostabilni otpad
 - Postupke za ishodjenje dozvola i odabir lokacija
 - Postupke za prikupljanje otpada
 - Uredaj za korištenje – komposter
 - Upravljanje komposterom
 - Obuku za voditelja komposter








Marja Oštarić, J...

Boris SKROČE

H
Hrvatska...

Općina Kaš

Zeljko Perica ...

Vladimir Rodulč

NETWAP

- Metodologija za upravljanje organskim i plastičnim otpadom u malim zajednicama koja definira:
 - zajedničku okvirnu metodologiju za gospodarenjem otpadom u malim zajednicama
 - Previdne postupke za
 - poticanje smanjenja stvaranja otpada i povećanje reciklaže;
 - promociju lokalnog kompostiranja malih razmjera i smanjenje korištenja odlagališta otpada;
 - prikupljanje otpada primjenom reaktivne tehnologije u običnim područjima;
 - ispitivanje prilika za jačanje te smanjenje disperzije lida u moru i na obali;
 - identifikaciju izvora za prikupljanje otpada.







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Marija Oštrić, J...

Boris SKROČIĆ

H

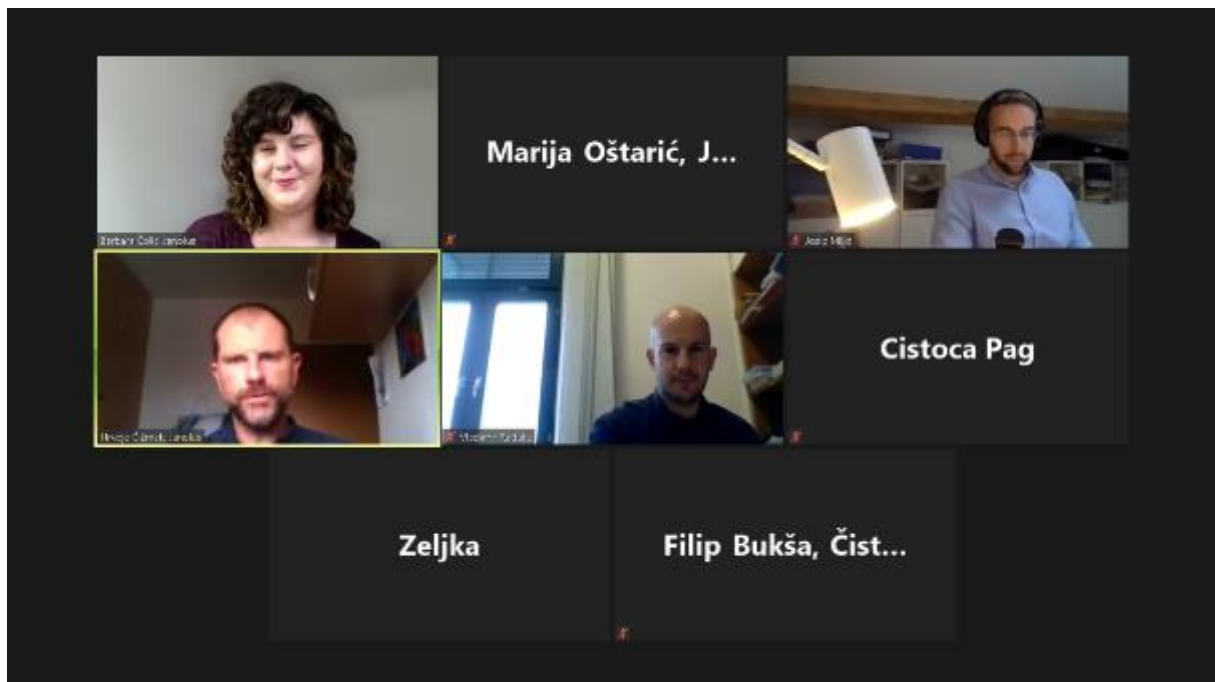
Općina Kali

Zeljko Perica

Preparation and implementation of a workshop for capacity building of economic stakeholders - Deliverable D 4.2.1 Capacity building in Croatia for economic actors



Prepared invitations and list of possible participants (in total 12 interest companies in Zadar County involved in waste management)

- Čistoća Ltd send invites to possible participants on 29th of October
- Online on 4th of November from 1 PM to 2 PM
- Included three presentations:
 - Short project NETWAP presentation
 - Waste in small communities - creation, collection and management (Barbara Čolić, MSc of Ecology and Nature Protection, Janolus Ltd)
 - Recycling devices and composters in small communities (Hrvoje Čižmek, MSc of Biology, Janolus Ltd)
- In total 9 participants including representatives of City of Zadar and Čistoća Ltd
- 5 participants representatives of interest companies (Ciklon Ltd, Čistoća Pag Ltd, Čistoća Ltd Zadar, Sali)



SAZRIJEVANJE KOMPOSTA

Izvlačenje cca. 40 kg svaka 2-3 dana ➔


Okretanje i zalijevanje (8 litara na 100 kg) jednom tjedno




Marija Oštarić, J...




Cistoca Pag




Zeljka



Filip Bukša, Čist...



Josip Milić



Vladimir Radulić




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KOMPOSTER NA ISTU



Godišnji kapacitet 30 t
 Trofazna struja
 Dnevna potrošnja energije max. 4KWh
 Minimalno 12 prevertanja biootpada na dan

Filter neugodnih mirisa – anaerobni procesi – truljenje vs. aerobni procesi – fermentacija
 Ventilator za prozračivanje komore
 Sustav za nadzor temperature
 Prozor za provjeru stanja
 Sustav ispuštanja prozjednih voda



Marija Oštarić, J...



Cistoca Pag



Zeljka



Filip Bukša, Čist...



Josip Milić



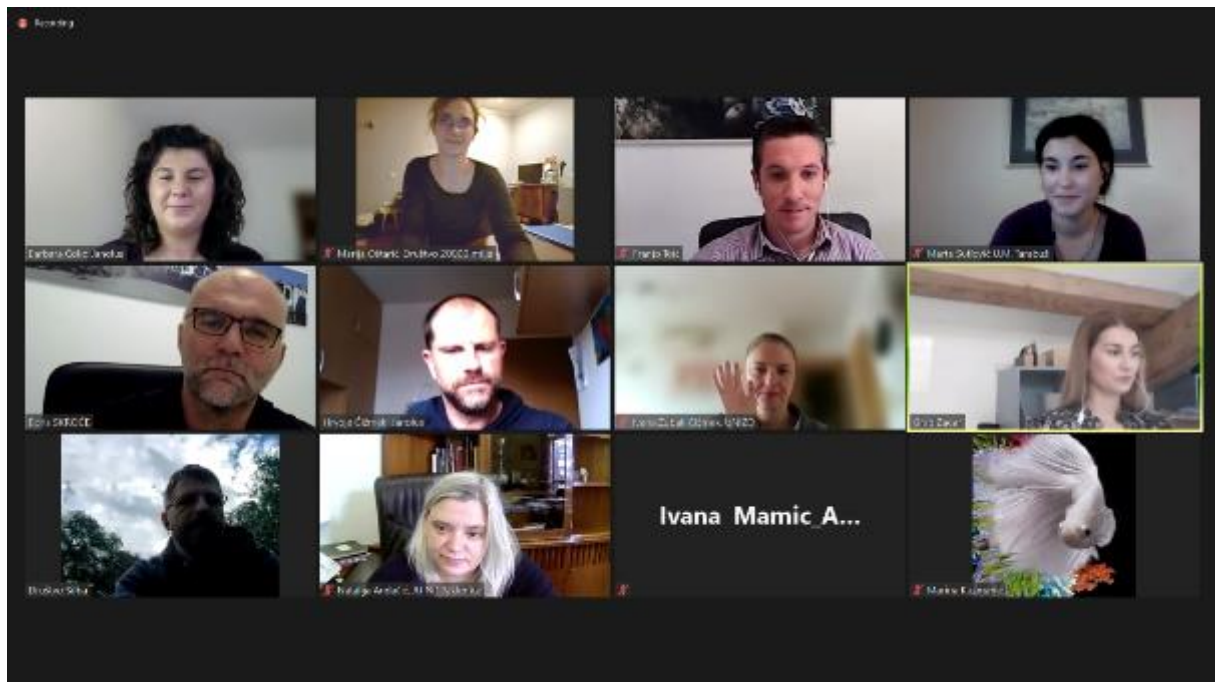
Vladimir Radulić




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Preparation and implementation of a workshop for capacity building of regional experts and civil society organizations - Deliverable D 4.2.2 Capacity building in Croatia for technicians

- Prepared invitations and list of possible participants (in total 15 public institutions, companies and CSOs in Zadar County involved in public awareness and education etc.)
- Čistoća Ltd send invites to possible participants on 29th of October
- Online on 5th of November from 10 AM to 11 AM
- Included three presentations:
 - Short project NETWAP presentation
 - Waste in small communities - the role of individuals and organizations / institutions (Barbara Čolić, MSc of Ecology and Nature Protection, Janolus Ltd)
 - Marine litter - collecting, processing and promoting volunteering (Barbara Čolić, MSc of Ecology and Nature Protection, Janolus Ltd)
- In total 11 participants including representatives of City of Zadar and Čistoća Ltd
- 7 participants representatives of interest experts (National Park Paklenica, City of Mali Lošinj, Okrug municipality, NGO Samotvorac from the Island of Silba, NGO 20000 Leagues from Zadar, NGO Tarabuži from the Island of Iž, University of Zadar)



NETWAP – SEABIN U ZADRU






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ORGANIZACIJA AKCIJA ČIŠĆENJA

! Ključni elementi uspjeha akcije:

- Suradnja s lokalnim politikama i državnim
- Suradnja s lokalnim poduzetnicima za gospodarenje otpadom

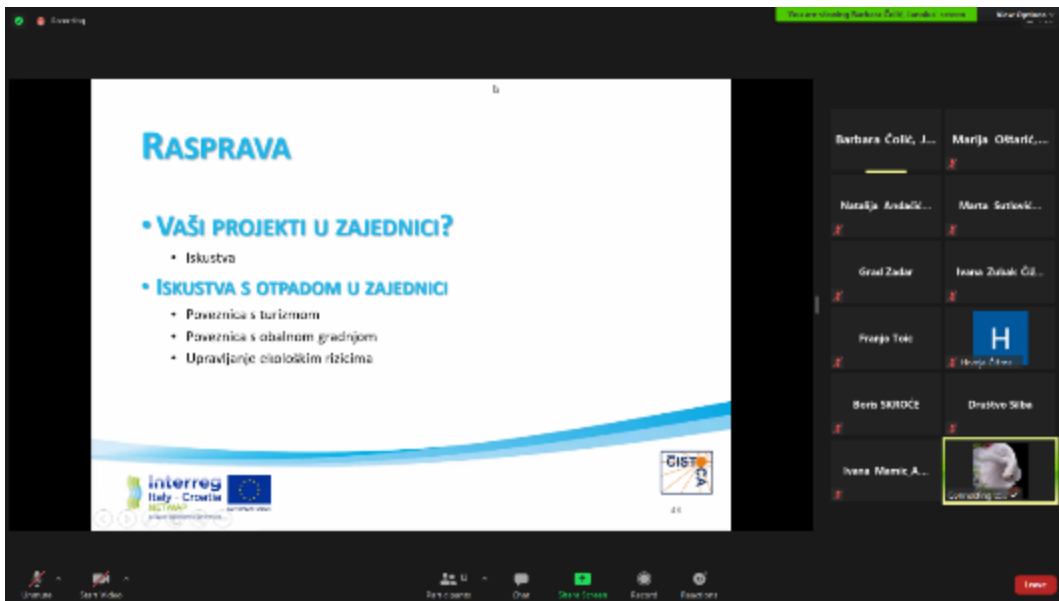
**NADLEŽAN ZAKON O
ODRŽIVOM GOSPODARENJU
OTPADOM!**

- Ishođenje suglasnosti nadležnog tijela JLS za poslove zaštite okoliša za provođenje akcije čišćenja
- Suglasnost pravne osobe s dozvolom za gospodarenje otpadom
- Dokaz da je prikupljeni otpada predan pravnoj osobi koja posjeduje važeću dozvolu za gospodarenjem otpadom (prateći list otpada)




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Barbara Čoić, J...	Marija Ostarić, ...
Marija Anđelić, ...	Maria Štefek, ...
Zorid Zidar	Iskra Žubak, ŽP
Prilop Tula	H
Barbara Čoić, J...	Orlando Šiba
Iskra Žubak, ŽP	



The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "RASPRAVA" (Discussion). The slide content is as follows:

RASPRAVA

- **VAŠI PROJEKTI U ZAJEDNICI?**
 - Iskustva
- **ISKUSTVA S OTPADOM U ZAJEDNICI**
 - Poveznica s turizmom
 - Poveznica s obalnom gradnjom
 - Upravljanje ekološkim rizicima

The slide footer includes the Interreg Italy - Croatia logo, the European Union logo, and a "CIST" logo. The number "45" is visible in the bottom right corner of the slide.

On the right side of the Zoom window, there is a list of participants:

- Barbara Čolić, J...
- Marija Ožarić, ...
- Nataša Anđić, ...
- Marta Gutović, ...
- Grad Zadar
- Ivana Zubak, Či...
- Praga Toš
- H
- Bero SKROČE
- Draško Šibe
- Ivana Mamić, A...
- Zooming on...

The Zoom control bar at the bottom shows icons for Mute, Video Off, Chat, Screen Share, and a red "Leave" button.

2.2 Raising awareness activities in Croatia – Deliverable D.4.2.3 Awareness activities within project's area

Preparation and implementation of a public awareness raising event (3 workshops) for the local community on Island of Ist

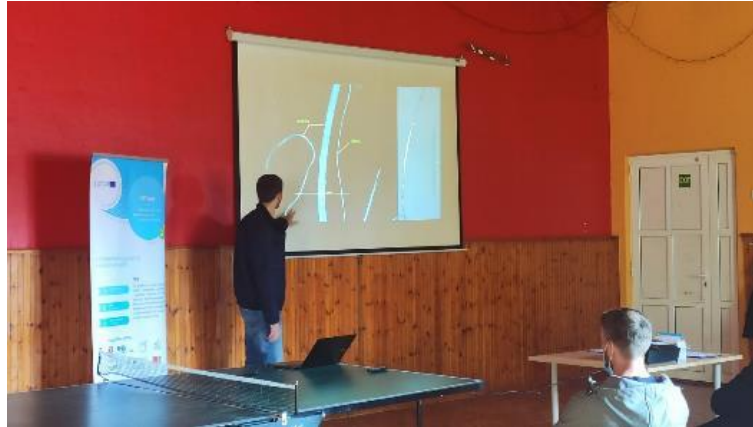
- Prepared invitations and list of possible participants (local NGOs on Ist, local board, general public)
- Collaborated with the local board and local NGOs on public event organization
- Janolus Ltd invited the local community, local board and NGOs through phone communication and social networks and poster on the island on 7th of October
- Čistoća Ltd send invites to possible participants on 9th of October
- Public event including three workshops on 12th of November from 11 AM to 4 PM
- Included three workshops:
 - Awareness raising workshop on organic waste and composting
 - Short project NETWAP presentation
 - Short pilot project presentation
 - Biowaste and composting: a pilot project of a mini composting plant on the island of Ist (Hrvoje Čižmek, MSc of Biology, Janolus Ltd and Filip Starešinić, Master Composter)





- Awareness raising workshop on marine and coastal pollution
 - Marine litter and the role of technology: SEABIN (Marta Zuruk, student at University of Zadar under mentorship of Dr. Nuša Cukrov, Dr. Neven Cukrov and Dr. Anamarija Frankić from Institute Ruđer Bošković)
 - Microplastic research in NETWAP (Lucijan Ljubičić, student at University of Zadar under mentorship of Dr. Nuša Cukrov, Dr. Neven Cukrov and Dr. Anamarija Frankić from Institute Ruđer Bošković)





- Plastic waste and Community Awareness Raising Workshop – Clean-up Action
 - Plastic waste and the role of an individual (Barbara Čolić, MSc of Ecology and Nature Protection, Janolus Ltd)
 - Beach Clean Up action and marine litter monitoring (Barbara Čolić, MSc of Ecology and Nature Protection, Janolus Ltd)











- In total 21 participant in all three workshops including representatives of City of Zadar and Čistoća Ltd
- Promotional material was distributed to the participants (cotton bags, notebooks, pencils and pens)

