



# BioTHOP



NEWSLETTER N° 3

December 2020

BioTHOP LIFE18 ENV/SI/000056

**BIOTWINE HOP  
WASTE  
TRANSFORMATION  
INTO NOVEL  
PRODUCT  
ASSORTMENTS FOR  
PACKAGING AND  
HORTICULTURE  
SECTOR**



Dear subscriber of BioTHOP LIFE project newsletter!

The third newsletter is already in front of you,

designed to provide project information and ideas you might need.

The LIFE BioTHOP project has been running for 18 months (starting in July 2019, ending in June 2022) not only in the demo hop-growing region Lower Savinja Valley as an example of good practice but also around the world. In the last half-year, besides focusing on technical work, we selected the most beautiful photos of the photo competition and prepared various interesting dissemination materials.

Find out who are the winners of the "HOP and the ENVIRONMENT" photo competition.

You are invited to read the updated project brochure and watch our 1st project video, talking about BioTHOP twine for sustainable hop-growing. You will see, how we are approaching the requirements of the circular economy. Hop biomass after harvest together with biodegradable (PLA) twine became good material for on-site composting or to be used for fibre extracting and in such form as an ingredient for new bioplastic products for various sectors (bio-composites, planting pots, packaging trays). With the use of BioTHOP twine, the agro-waste will be drastically reduced and the economy will be increased. A project already has a positive socio-economic impact on the local economy and local communities (the extra benefits are improved environment and alternative economic opportunities).

As the end of the year approaches, we would like to take this opportunity to thank our partners, hop-growers, co-financiers, policymakers, stakeholders and all of you to make our project activities a success.

**WE WISH YOU A MERRY CHRISTMAS AND  
A PROSPEROUS YEAR 2021!**

For further information, visit our [WEB PAGE](#).

Thank you for subscribing to our newsletter!  
Life BioTHOP partnership



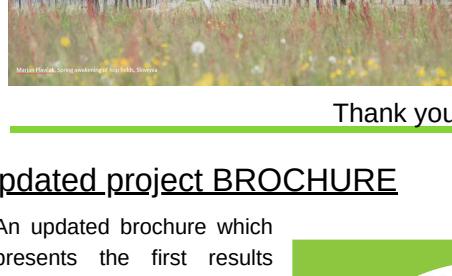
## DISSEMINATION MATERIAL

March - December 2020

3 winning photos are:

### International Photo competition "HOP and the ENVIRONMENT"

1. Marjan Plavčak, Spring awakening in hop fields, Tabor Municipality, SI
2. Dragica Grobelnik, Hops harvest in the early morning, Žalec Municipality, SI
3. Monika Vohl, Growing fast, Braslovče Municipality, SI



Thank you for your votes! Congratulations to the winners!

### Updated project BROCHURE

An updated brochure which presents the first results achieved from the beginning of the project has been published. Find out more about modified biodegradable BioTHOP twine, composite, first prototypes of planting pots and 3D design of BioTHOP biodegradable bottle trays. You will be introduced to proper composting of hop biomass after harvest, intertwined with BioTHOP twine and first testing of BioTHOP planting pots and much more.



### 1st BioTHOP project VIDEO

The 1st BioTHOP project VIDEO »BioTHOP twine for sustainable hop-growing«. A new, 100% biodegradable and on-site compostable PLA twine is being introduced to hop growing sector. This twine will replace the current fossil fuel-based twine which degradation in nature can take up to 450 years.

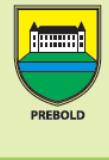
[SEE MORE OF NEWS ON OUR WEB PAGE](#)



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REPUBLIKA SLOVENIJA  
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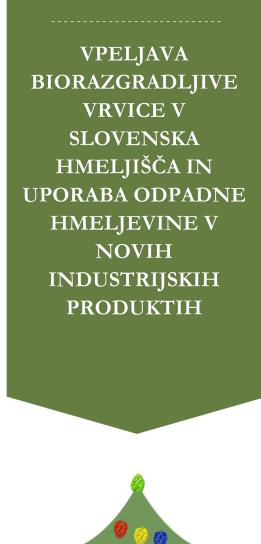


# BioTHOP



e-NOVIČNIK št. 3

December 2020



Spoštovalni deležniki projekta LIFE BioTHOP!

Pred vami je že tretja številka spletnega novičnika, v kateri vam predstavljamo projektne informacije in ideje.

Projekt LIFE BioTHOP izvajamo že 18 mesecev (začetek julij 2019, zaključek junij 2022) ne le v hmeljarski regiji Spodnja Savinjska dolina kot primer dobre prakse, ampak tudi po vsem svetu. V zadnjem polletju smo, poleg osredotočanja na tehnično delo, izbrali najlepše fotografije v sklopu foto natečaja in pripravili različne promocijske materiale.

Odkrijte, kdo so zmagovalci foto natečaja "HMELJ in OKOLJE".

Vabljeni k branju posodobljene brošure o projektu in ogledu našega prvega videa, ki govori o hmeljarski vrvi BioTHOP za trajnostno pridelavo hmelja. Videli boste, kako se približujemo zahtevam krožnega gospodarstva. Hmeljevina po obiranju je skupaj z biorazgradljivo (PLA) vrvicom postala dober material za kompostiranje na kraju samem oziroma za uporabo za pridobivanje vlaken, v takšni obliki pa kot sestavina za nove bioplastične izdelke za različne sektorje (biokompoziti, sadilni lončki, pladnji za pakiranje). Z uporabo vrvice BioTHOP se bo agro-odpadek bistveno zmanjšal in povečala se bo ekonomičnost. Projekt ima pozitiven socialno-ekonomske vpliv na lokalno gospodarstvo in lokalno skupnost (dodatekne koristi so v izboljšanju okolja in alternativnih gospodarskih priložnostih).

Ob koncu leta se iskreno zahvaljujemo vsem partnerjem, hmeljarjem, sofinancerjem, oblikovalcem politik, deležnikom in vsem vam za vaš doprinos k uspešnosti projekta.

**ŽELIMO VAM VESEL BOŽIČ IN  
VSE LEPO V LETU 2021!**

Za dodatne informacije obiščite [SPLETNO STRAN](#).

Partnerji projekta Life BioTHOP



## PROMOCIJSKI MATERIAL

Marec - December 2020

3 zmagovalne fotografije so:

1. Marjan Plavčak, Pomladno prebujanje hmeljišč, Občina Tabor, SI
2. Dragica Grobelnik, Spravilo hmelja v zgodnjih jutranjih urah, Občina Žalec, SI
3. Monika Vohl, Iz majhnega zraste veliko, Občina Braslovče, SI



Hvala za oddane glasove! Zmagovalcem iskreno čestitamo!

## Posodobljena BROŠURA projekta

Posodobljena brošura predstavlja prve rezultate, dosežene od začetka projekta.

Spoznejte več o BioTHOP biorazgradljivih vrvcih, kompozitih, prvih sadilnih lončkih in 3D modelu biorazgradljive embalaže za steklenice za vino. Predstavljeno je pravilno kompostiranje hmeljevine, prepletene z vrvicom BioTHOP, testiranje sadilnih lončkov in še veliko več.



Prvi video o hmeljarski vrvi BioTHOP za trajnostno pridelavo hmelja.

V hmeljarstvo uvajamo novo, 100 % biorazgradljivo PLA vrlico, ki se bo kompostirala na kmetijah in zamenjala sedanjo polipropilensko vrlico. Slednja temelji na fosilnih gorivih in njena razgradnja v okolju lahko traja do 450 let.

## Prvi VIDEO projekta BioTHOP

[VEČ novic na SPLETNI STRANI](#)



Dodatne informacije na <https://www.life-biothop.eu>  
ali sledite naša socialna omrežja:



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA OKOLJE IN PROSTOR



ZDRAVSTVENJE HMEIJARJEV SLOVENIJE

Projekt sofinancira Evropska Unija preko programa LIFE. E-novičnik je odraz stališč avtorjev. Evropska komisija ni odgovorna za kakršnokoli uporabo informacij, ki jih vsebuje objava.