



THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE & LIFE SCIENCES

Environmental Science

1177 E. Fourth Street
P.O. Box 210038
Tucson, AZ 85721-0038
Tel: (520) 621- 1646
Fax: (520) 621- 1647
<http://environmentalscience.cals.arizona.edu/>

March 17, 2023

RE: Letter of support for Research & Development Center “Alcor” to obtain a grant in the SMART competition (FENG.01.01-IP.02-001/23), organized by the Polish Agency for Enterprise Development

Dear members of the SMART competition committee,

I am writing to express my strong support for the Research & Development Center "Alcor" based in Opole and their proposed work towards the development and application of Soil Ventilation Ducts (SVD). Alcor has a remarkable track record of delivering highest-quality work as a leader in the field, and their dedication to environmental protection is exemplary.

After getting acquainted with the main assumptions underlying Alcor's SVD approach, I am convinced that this very timely and original technology is both innovative and highly relevant to the current environmental challenges that we face. The SVD has the potential to make a significant impact on soil ventilation in heavily compacted areas and, in doing so, mitigate an important problem of vegetation loss due to excessive soil compaction. Production of the SVD from waste raw materials will further strengthen the significance of this pro-ecological approach, making it highly relevant and actionable.

In my opinion, the proposed Soil Ventilation Ducts approach has the potential to be applicable on a large scale and is likely to attract interest in many countries around the world, including the United States where I am based.

In case of questions, do not hesitate to contact me by phone or email (ababstkostecka@arizona.edu).

Sincerely,

Alicja Babst-Kostecka, PhD

Assistant Professor, Department of Environmental Science

Co-Director, Center for Environmentally Sustainable Mining University of Arizona

Kraków, 06.03.2023 r.

List Intencyjny

Dotyczy: Współpraca w ramach konkursu Ścieżka SMART

(FENG.01.01-IP.02-001/23)

Zarząd Zieleni Miejskiej w Krakowie
ul. Reymonta 20
30-059 Kraków
Polska

do:

Centrum Badawczo-Produkcyjne „Alcor” Sp. z o.o.
Ul. Kępska 12,
45-130 Opole
Polska

Niniejszym potwierdzamy, że w przypadku otrzymania przez Państwa dofinansowania w ramach Programu Ścieżka SMART Priorytet 1 „Wsparcie dla przedsiębiorców” Fundusze Europejskie dla Nowoczesnej Gospodarki, wyrażamy zgodę na przeprowadzenie testów w warunkach rzeczywistych Państwa systemu rdzeni skalno-celulozowych do zwiększenia przepuszczalności i napowietrzenia gleb ubitych. Jeśli projekt zostanie pozytywnie oceniony, wyznaczymy obszary testowe na terenie naszego miasta, w których będzie można przeprowadzić badania.

Idea zwiększenia bioróżnorodności i infiltracji gleb przy jednoczesnym zagospodarowaniu odpadów tekturowych jest bardzo interesująca i posiada duży potencjał aplikacyjny.

Z wyrazami szacunku

Podpisano kwalifikowanym podpisem elektronicznym przez:

**Łukasz Mateusz
Pawlik**

Elektronicznie podpisany przez
Łukasz Mateusz Pawlik

Data: 2023.03.06 08:46:30 +01'00'

Z-ca Dyrektora

Otrzymują:
1 x Adresat
1 x a/a



VÝSKUMNÝ ÚSTAV PAPIERA A CELULÓZY a.s.
PULP AND PAPER RESEARCH INSTITUTE

PREDSEDA PREDSTAVENSTVA
CHAIRMAN OF THE BOARD

Centrum Badawczo-Produkcyjne
"ALCOR" Sp. z o.o.
ul. Kępska 12
45-130 Opole, Poland

In Bratislava, 17th April 2023

Letter of support for Research & Development Center "Alcor" to obtain a grant in the SMART competition (FENG.01.01-IP.02-001/23), organised by the Polish Agency for Enterprise Development

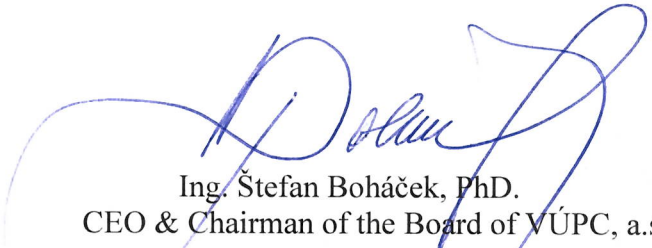
Dear Sir or Madam,

The SVD project proposes a new method of recycling short-fibre cellulose, which is currently a waste for the paper industry and generates disposal costs and environmental issues. However, after getting acquainted with the project's assumptions, we are convinced that this timely and original technology is innovative and highly relevant to our current environmental challenges.

The proposed Soil Ventilation Ducts have the potential to be applicable on a large scale and are likely to attract interest in many markets.

The project's outcome will facilitate the transition to a sustainable, circular, toxin-free and climate-resilient economy by managing the excessive stream of paper waste and improving the structure of compacted soils responsible for the dying trees in cities.

Sincerely,


Ing. Štefan Boháček, PhD.
CEO & Chairman of the Board of VÚPC, a.s.

