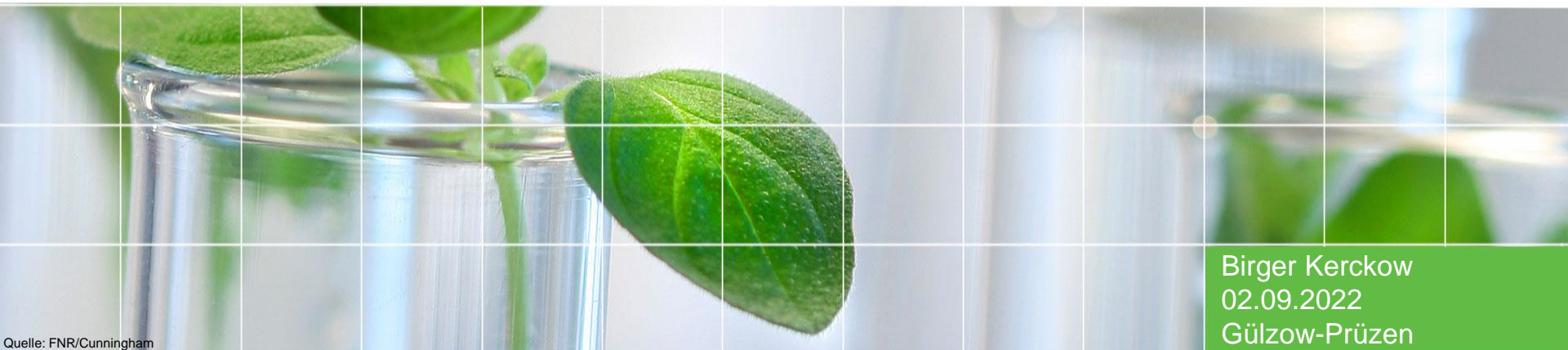


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BRA-GER COOPERATION - JOINT CALL FOR PROPOSALS 2020

Results and lessons learned



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Quelle: FNR/Cunningham

With support from



Federal Ministry
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Fachagentur Nachwachsende Rohstoffe e.V.

Brazilian-German Joint Call 2020

Results

Projects topic „Industrial use of renewable resources“:

- AcroAlliance: Development of Acrocomia value chains
- MicroHop: Microencapsulated hop extracts
- BioPolyCol: Development of Amazonian biodyes from renewable resources

Projects on topic “Medicinal and aromatic plants”:

- NatPlanInn: Native Brazilian plants as a source of innovative raw materials

Projects start between early 2022 and Oct 2022

AcroAlliance

Goal of AcroAlliance

AcroAlliance - Development of Acrocomia value chains from the seed to high-value products for a global bioeconomy based on the sustainable use of local biodiversity

Our **goal** is to develop high value refined oils, proteins and dietary fibers from macauba fruits, while addressing major gaps for the development of a sustainable macauba value web.



NatPlanInn

Native Brazilian plants as a source of innovative raw materials

Objectives

- establish a scientific collaboration between Brazilian and German Universities to exchange the knowledge and expertise to explore and cultivate native Brazilian plants
- company (Livealeo) aiming to develop and produce innovative raw materials for the cosmetic industry

Partners

- Federal University of Goiás, Brazil (UFG), Federal University of São Paulo, Brazil (UNIFESP), Bergische University of Wuppertal, Germany (BUW), Freie Universität Berlin, Germany (FUB), Livealoe (Brazilian company)

MicroHop

Microencapsulated hop extracts

Objectives

- The development of a novel feed additive on the basis of hop, which is well known for its antimicrobial properties, in order to make a decisive contribution to a healthy and sustainable growth of poultry.
- Hop does not only have the potential to reduce the therapeutic use of antibiotics, but also to become a natural, phytogetic alternative to the subtherapeutic antibiotic use in livestock feed, which has been shown to improve the feed efficiency and to promote animal growth

Partners

- Institut für Bioverfahrenstechnik, Friedrich-Alexander-Universität Erlangen-Nürnberg
- Universidade da Região de Joinville – UNIVILLE

BioPolyCol

Development of Amazonian biodyes from renewable resources

Objectives

- Develop sustainable biodyes with good colour intensity and high fastness for the industrial colouration of biopolymers.
- Extraction of the dyes from renewable Amazonian plant resources, minor crops, and food industry residues, without harming the environment.
- Aiming for industrially viable solutions for the inherent drawbacks of biodyes (low fastness, low affinity, low heat stability, metallic mordant pollution, etc.).

Partners

- Institut für Textiltechnik of RWTH Aachen University
- Bache GmbH
- Beplast Indústria e Comercio de Plásticos Ltda
- Universidade Federal do Rio Grande do Sul
- Instituto Nacional de Pesquisas na Amazônia -Coordenação Sociedade Ambiente e Saúde

Lessons Learned from Joint Call 2020

Positive experiences of the Joint Call 2020

- Very high response to Joint Call
- Form and content of proposal template was good
- Eligible proposals and expert evaluation were of high quality
- Final decision meeting on which proposals to select for funding was straightforward

Improve communication to applicants => lower number of ineligible proposals

- Improved dissemination: call documents, webinar, guidelines for applicants

Use of one central submission platform advisable

- more effective for proposal management, less work and potential confusion for applicants

Proposal content

- Applicants to improve description of exploitation of results in GER and BRA

Good balance between scope and available budget of the Joint Call important

Thank you for your attention!

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