


Lake Constance Foundation

Bioeconomy projects & experiences of a cyber attack

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www.bodensee-stiftung.org

Lake Constance Foundation

- Private organisation for environmental protection and nature conservation in Radolfzell, Germany.
 - The project-oriented foundation works towards more sustainability and nature protection.
 - Founded in 1994 by six environmental and nature conservation organisations around Lake Constance.
 - ~ 20 employees
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Areas



ENERGY TRANSITION

MAIN TOPICS

- Nature conservation as part of the energy transition
- Acceptance and participation
- Social innovation
- Promotion of technologies (e.g. PV, Agri-PV, heat networks)
- Resource management
- Climate mitigation



AGRICULTURE & THE FOOD SECTOR

MAIN TOPICS

- Climate mitigation
- Climate adaptation
- Biodiversity protection
- Insect responsible sourcing regions
- Sensitization of consumers
- Sector-initiative „Food for Biodiversity“



NATURE & LAKE CONSERVATION

MAIN TOPICS

- Enhancing pollinating insects and biodiversity in municipalities
- Microplastic in water bodies
- International Living Lakes Network



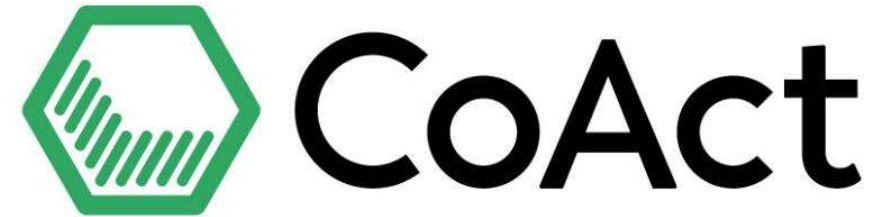
BUSINESS & BIODIVERSITY

MAIN TOPICS

- Biodiversity oriented premises
- Biodiversity in management (EMAS, ISO)
- Sector specific Biodiversity Checks
- Biodiversity in standards & labels
- Climate mitigation

In all areas: Sensitization, dialogue and networking of stakeholders; Capacity building

CoAct



Energieträ

BLITZ – Bioeconomy for the future of farming

Objectives



- Train the trainer: Creation and publication of a **guide** for teachers at agricultural colleges
- Expertise: Development and provision of a concrete, comprehensive **teaching concept** for sustainable, cycle-orientated bioeconomy at agricultural colleges
- Soft skills: **Training** of technical college students and teachers at **three pilot schools** in Baden-Württemberg in the field of social entrepreneurship
- Upgrading the job description of a farmer to include social entrepreneurial skills and a sustainable, circular bioeconomy by **anchoring it in the curriculum**
- Opening up new business areas for farmers



Gefördert
durch



Baden-Württemberg

MINISTERIUM FÜR ERNÄHRUNG, LÄNDLICHEN RAUM
UND VERBRAUCHERSCHUTZ

CreiseL - Opportunities for the valorisation of residual and raw materials from food processing in terms of the bioeconomy



Objectives

- Potentials of utilisable by-products and residues from the first processing stage of food processing
- Identification of obstacles (legal, social, economic, etc.) to the holistic utilisation of residues from food processing
- Development and dissemination of specific recommendations for the valorisation of by-products and residues.



Gefördert
durch



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The Hack

The first hours:

- A colleague got in touch to say she needed some information for Microsoft: “Microsoft support had contacted her and asked for that”.
- IT sensitive colleague: “The support doesn’t get in touch with you and what exactly was the point?”
 - Immediate enquiry with our IT service provider.
- **IT service provider runs scan and detects Emotet infection.**
 - Everything was shut down and switched off. Second IT service provider was informed!

Further steps:

- **Everything was resetted: server, network, laptops ...**
- All partner were informed about the hack.
- We contacted the IT cyber clearing centre of the state of BW
- Had a counselling/info meeting:
 - It was ok, but not a game changer
- **Nothing worked for a few days**
- Access to data from the network drive was not possible for a few weeks.
- E-mail continued working for the time being because this was a separate provider.
- It took a long time before we were able to access data from the network drive again. (several weeks)

A few weeks of aftermath

- We tried to find out whether there was access to data (because of data protection) - but we couldn't find out.
- Most of our data could be saved in the end.
- since then:
 - security concept
 - Anti-phishing training
 - modernised infrastructure (incl. backups)

Cyber-attack management plan

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Bewahren Sie Ruhe und nutzen Sie diesen Plan.

Keep calm
-   

Informieren Sie die Allianz-Krisenhotline:

Inform the insurance emergency hotline
-   

Alarmieren Sie Ihren Krisenstab.

Alert your own emergency team
-   

Versuchen Sie, ein Bild Ihrer Lage zu erstellen.

Try to get a clear picture of the situation
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Informieren Sie in Abstimmung mit Ihrem Krisenberater Ihre Interesseneigner über die aktuelle Krisensituation.

Inform your partners and community about the situation
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Organisieren Sie bei zu erwartender längerer Dauer der Situation die für die Beendigung der Krisensituation notwendigen Ressourcen.

Organize the necessary resources needed to end the situation

Source (adapted): Allianz insurance

Costs cyber-attack

Cost	Amount
new server	6.131,76 €
lost working hours	4.342,19 €
service IT	8.826,44 €
service IT	355,08 €
Summe	19.655,47 €

Luckily we had a cyber security insurance that covered about 95% of the costs!

Contact details

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