

Promoting Green and Circular Economy Practices: BSF Sengkol and Bank Sampah Kekait Berseri in Lombok

Lombok, a beautiful island known for its pristine beaches and vibrant culture, is also emerging as a hub for sustainable development initiatives. As part of the Partnership for Action on Green Economy (PAGE) Indonesia's programme to document the existing community-based practices on green and circular economy, PAGE project personnel recently visited two sites: BSF Sengkol and Bank Sampah Kekait Berseri. These visits highlighted how communities are adopting innovative solutions to address local waste issues, including plastics and food/organic waste.

BSF Sengkol: Revolutionizing Waste Management with Black Soldier Fly

At the heart of Sengkol Village in Central Lombok Regency, lies BSF Sengkol (Look Up Agro), an initiative co-founded by Pak Edi and his dedicated team. BSF Sengkol utilizes the larvae of the Black Soldier Fly (BSF) to transform organic waste into valuable products. This innovative approach not only addresses the critical issue of food waste management but also contributes to sustainable agriculture in the area by converting waste into organic fertilizers/compost and safe, nutritious, high-protein livestock feeds.



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The larvae are efficient decomposers, in a relatively shorter time, capable of converting large quantities of organic waste into high-protein feed for livestock and nutrient-rich compost for crops. This process significantly reduces the volume of waste that would otherwise end up in

landfills, thereby mitigating environmental pollution. Repurposing food waste from the consumption stage for animal feed is an effective strategy that tackles waste management, enhances food security, conserves resources, and contributes to mitigate pollution and climate change simultaneously. The BSF project exemplifies how biological processes can be harvested for environmental and economic benefits, turning waste into products which add value to livestock and facilitate regenerative farming.



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Bank Sampah Kekait Berseri: Empowering Communities through Waste Management

Bank Sampah Kekait Berseri, founded by Pak Paizul, is another stellar example of sustainable practice in Lombok. Located in the village of Kekait in the Western part of Lombok Island, this self-initiated waste bank has developed a comprehensive system for managing household waste, including organic waste and other waste, including plastics, paper, etc. With the simple yet interesting programmes, the initiative encourages village residents to sort their waste, which is then collected, processed, and either recycled or sold.



The waste bank operates on a simple yet effective model: residents deposit their sorted waste in exchange for points, which can be redeemed for cash or goods. This system not only incentivizes proper waste disposal but also fosters a sense of community responsibility towards the environment. Moreover, it provides economic benefits to the locals, creating a sustainable income stream while addressing environmental challenges.

The PAGE Indonesia team's visit to Bank Sampah Kekait Berseri highlighted the impactful work being done by Pak Paizul and his team. Their efforts are crucial in raising awareness about waste management and promoting a circular economy within the community.



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Prospects for Future Collaboration

The site visits to BSF Sengkol and Bank Sampah Kekait Berseri are part of PAGE Indonesia's commitment to document and learn from the existing initiatives on the ground which contribute to green and circular economy. By showcasing these successful models, PAGE aims to inspire other communities and stakeholders to adopt similar practices.

PAGE Indonesia has been instrumental in integrating environmental considerations into economic policymaking, fostering inclusive and sustainable economic growth. As the initiative approaches its phase-out stage, the current focus is on consolidating gains and ensuring the sustainability of these efforts. This includes transferring/sharing knowledge, building capacities, and establishing robust networks that can sustain the principles of a green economy beyond the lifespan of the PAGE initiative.

The visits to BSF Sengkol and Bank Sampah Kekait Berseri, demonstrate the transformative potential of community-led sustainable practices. PAGE Indonesia's documentation of these projects could potentially contribute to their replication and scalability, promoting a more sustainable future for the area.

For more information on these initiatives, visit the [BSF Sengkol website](#) and learn about the impactful work of Bank Sampah Kekait Berseri through [this article](#).





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