



Institute for Sustainability and Agility



Sustainable Development: Challenges and Opportunities in Indonesia

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***We don't inherit the
earth from our
ancestors, we borrow
it from our children
(Native American Proverb)***



Sustainable Development

Development that
meets the needs of
the present,
without
compromising the
ability of future
generations in
meeting their own
needs.

(Brutdland Report,
1987)



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- Metadata SDGs: Edisi II: 17 Goals
169 Targets and 399 Indicators
(289 → Bappenas)



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● Biggest Challenges to achieve SDGs



1. Implementing principle of inclusive and no-one left behind principles being implemented
2. Integrating all stakeholders' program into SDGs action plans
3. Synergizing between government priorities and non-state actors.
4. Building a comprehensive and inclusive database.

<https://sdgs.bappenas.go.id/indonesia-shared-experiences-of-sdgs-implementation-with-asean-communities/#:~:text=One%20of%20the%20biggest%20challenges,a%20comprehensive%20and%20inclusive%20database.>



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SDGs Opportunities

Among other things



1. Choosing Priority SDGs
2. Start by being responsible for negative impacts created from your Organisation/ Business Operations
3. Start to focus on your Ring-1 Stakeholders
4. Implement ESG Holistically
5. Create new Business Model
 - Business of upcycling and recycling
 - Business of reparation
 - Business of waste treatment
 - Business of GHG Absorption: Algae
 - Business in Renewable Energy
 - Business for Market Place for Used products, etc.
6. Start focus on how you can contribute as an individual



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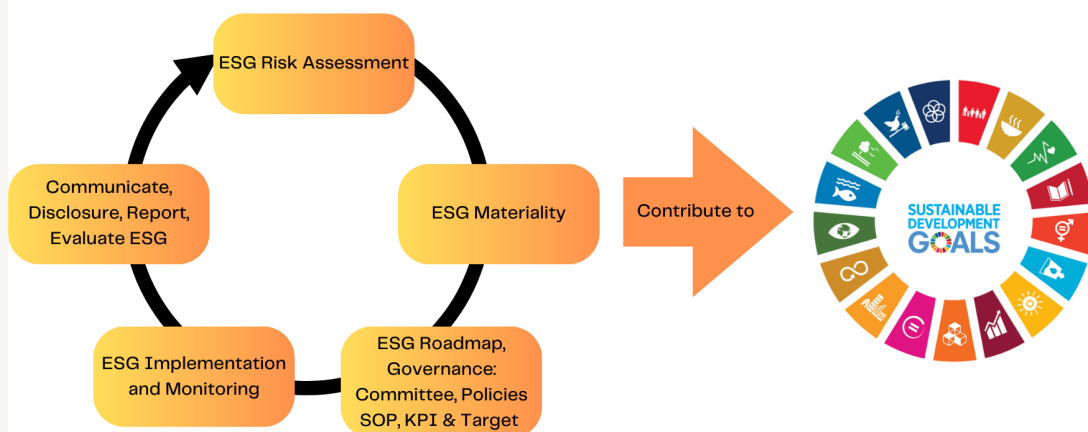
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● Choosing Priority SDGs



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● Implement ESG



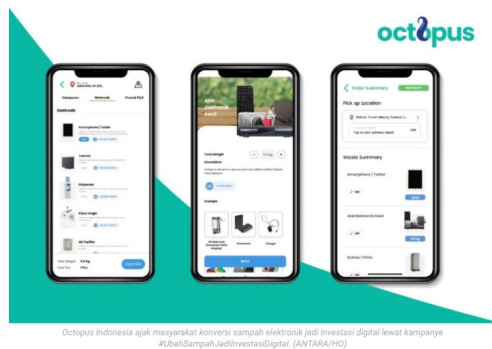
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Waste businesses



Sampah elektronik kini bisa dikonversi jadi investasi digital

© Jumat, 14 Oktober 2022 18:58 WIB



Octopus Indonesia ajak masyarakat konversi sampah elektronik jadi investasi digital lewat kampanye #UbahSampahJadInvestasiDigital. (ANTARA/HO)

- <https://www.antaranews.com/berita/3179705/sampah-elektronik-kini-bisa-dikonversi-jadi-investasi-digital>
- <https://www.greeners.co/ide-inovasi/terracycle-perusahaan-daur-ulang-sampah-raksasa-asal-amerika/>

TerraCycle, Perusahaan Daur Ulang Sampah Raksasa Asal Amerika

Diposting pada 23 Oktober 2019

0 Comments

Reading time: 2 menit



Foto : terracycle.com

Sebelum diciptakannya plastik, keberadaan sampah di alam itu sebenarnya tidak ada. Bahkan, semua bahan yang ada di alam dapat digunakan kembali atau didaur ulang oleh makhluk hidup melalui proses alami. Namun, manusia sendiri lah yang telah menciptakan sampah itu sendiri melalui teknologi modernnya.



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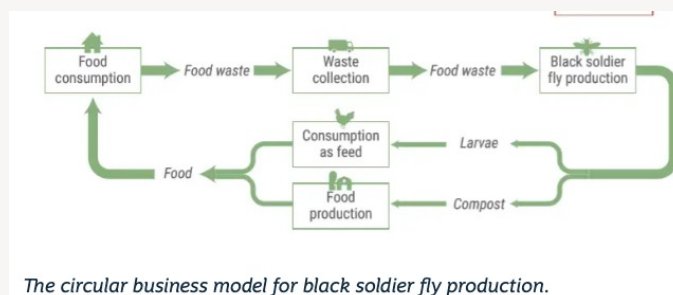
Upcycle Food



- Protix upcycles food waste into sustainable protein for fish, chicken, and pets. The Dutch company invested €35 million in an industrial-scale production facility where it uses food waste to breed blackfly larvae, which it harvests to form high-value insect protein products.

Devouring waste, nourishing the world: how insects can feed a circular economy

Published on the 11th of June 2019



The circular business model for black soldier fly production.

- <https://www.boardofinnovation.com/blog/circular-business-model-examples/>
- <https://www.metabolic.nl/news/how-black-soldier-fly-larvae-can-feed-circular-economy/>

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● Start from Ring-1 of your Stakeholders



Program Beasiswa Anak Karyawan

Penulis: Uthan Rachim
Jumat, 25 November 2022 | 21:34 WIB



Jumat 19 Agustus 2022, 19:07 WIB

Media Group Berikan Beasiswa Pendidikan untuk Anak Karyawan

Dinda Shabrina | Humaniora



- <https://www.beritasatu.com/photo/94869/program-beasiswa-anak-karyawan>
- <https://mediaindonesia.com/humaniora/516104/media-group-berikan-beasiswa-pendidikan-untuk-anak-karyawan>



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● Recycle Water



Limbah Air Wudhu untuk Budidaya Ikan dan Hidroponik, Begini Prosesnya

Dian Kurniawan
Dipertarhal 09 Okt 2021, 07:20 WIB



Pengolahan limbah air wudhu untuk ikan tawar dan hidroponik. (Dian Kurniawan/Liputan6.com)



ARTIKEL

Mengolah Air Bekas Wudhu Dengan Urban Farming Dan Bioremediasi Di Masjid-Masjid Jakarta

By Fauzan Aqil — Last updated 15 Sep 2021

- <https://www.liputan6.com/surabaya/read/4676523/limbah-air-wudhu-untuk-budidaya-ikan-dan-hidroponik-begini-prosesnya>
- <https://lisnet.or.id/mengolah-air-bekas-wudhu-dengan-urban-farming-dan-bioremediasi-di-masjid-masjid-jakarta/>



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● Upcycle Business in Indonesia



Beragam produk upcycle fesyen dari Sejah Mata Memandang untuk menghiasi rumah. (dok. Instagram @sejah_mata_memandang/https://www.instagram.com/p/CnUHYrfvajc/Dinny Mutiah)

Dina mengakui bahwa bisnis upcycling merupakan peluang baru yang dapat dikembangkan. Tapi, ia mengingatkan bahwa itu bukan semata-mata bisnis menjanjikan, melainkan bisnis yang memiliki *value*. "Menjadi bagian dari menjaga lingkungan yang mutlak harus disadari dan dilakukan," ucapnya.

- <https://www.liputan6.com/lifestyle/read/5179582/cerita-akhir-pekan-masih-banyak-pr-membumikan-bisnis-upcycle-fesyen-di-indonesia>
- <https://dailysocial.id/post/brand-lokal-popsiklus-upcycling-barang-bekas-hingga-bernilai-tinggi>

Brand Lokal Popsiklus: Upcycling Barang Bekas Jadi Produk Bernilai Tinggi

Kisah sukses brand lokal Popsiklus dengan digitalisasi bisnisnya yang masih menjadi tantangan.

Alfida Febrianna - 12 April 2022



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● GHG Absorption Business



Melihat Produksi Alga di Klaten yang Tembus Pasar Ekspor Dunia

Kapasitas produksi di lokasi tersebut mencapai 2-4 ton per bulan

Foto Minggu, 10 Oktober 2021 - 11:37 WIB
Penulis: Panco Suseno | Newswire | Editor: Burhan Aris Nugraha



SOLPOS.COM - Seorang pekerja menunjukkan hasil panen budidaya alga di Sidowayah, Polanharjo, Klaten, Sabtu (9/10/2021). Unit produksi mikroalga-algapark sebagai lumbung gizi masa depan beridat di Sidowayah, Kecamatan Polanharjo, Klaten dikembangkan tahun 2017. Produk alga di Sidowayah telah menembus pasar ekspor di antaranya, Amerika Serikat, Rusia, Swiss, (Antara/Aloyalus Jarot Nugraha)

Solpos.com, KLATEN — Unit produksi mikroalga-algapark sebagai lumbung gizi masa depan berlokasi di Sidowayah, Kecamatan Polanharjo, Klaten dikembangkan tahun 2017. Produk alga di Sidowayah telah menembus pasar ekspor. Di antaranya, Amerika Serikat, Rusia, Swiss. Terdapat beberapa produk hasil olahan antara lain sprintes gold (kapsul), sprintes blue (kapsul), serum kecantikan, sabun kecantikan, dan mi spirulina. Di samping itu, alga di Sidowayah juga menjadi bahan pupuk

Algae TechnoArt, Karya Seni Sekaligus Penyerap CO2 Kreasi UGM-ISI



Universitas Gadjah Mada bekerja sama dengan Institut Seni Indonesia (ISI) Yogyakarta dan PT Sokul Bangun Indonesia (SBI) mengembangkan alat penyerap udara berbasis tanaman Mikroalga yang sekaligus merupakan instalasi karya seni, Algae Technoart (UGM)

Setyono, Sains
22 November, 2021 15:29 WIB

<https://foto.solopos.com/melihat-produksi-alga-di-klaten-yang-tembus-pasar-ekspor-dunia-1170545>

<https://eduwara.com/algae-techno-art-karya-seni-sekaligus-penyerap-co-2-kreasi-ugm-isi>



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● Market Place for Reuse



- Globechain is a B2B marketplace for reuse across multiple industries, like construction, hotels, offices, medical, restaurants, and retail. Organizations no longer needing assets (like furniture, equipment, or office supplies) list them on the platform, where they're requested and collected by other companies. Globechain makes its revenues by charging membership fees.



<https://www.boardofinnovation.com/blog/circular-business-model-examples/>
<https://globechain.com/>



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● Reparation Business



Tips Memulai Bisnis Jasa Reparasi Tas dan Sepatu yang Untungnya Memuaskan

by Hello Medidini — Juli 4, 2022 in Bisnis Reading Time: 3 mins read

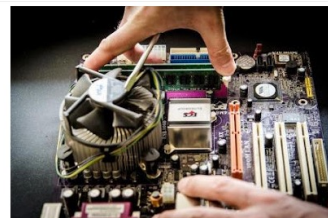
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Prospek Usaha Jasa Servis Elektronik Rumahan

2 Tanggapan

Prospek bisnis rumahan jasa servis reparasi barang elektronik. [Peluang usaha jasa servis elektronik](#) di Indonesia masih prospektif. Apa alasannya? Sebab hampir semua orang memiliki HP serta barang elektronik untuk berbagai keperluan. Baik itu berupa alat rumah tangga maupun peralatan kantor



- <https://mediaini.com/bisnis/2022/05/04/81887/tips-memulai-bisnis-jasa-reparasi-tas-dan-sepatu-yang-untungnya-memuaskan/>
- <https://www.bisnisjasa.id/2017/09/prospek-usaha-jasa-servis-elektronik.html>



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INDIVIDUAL LEVEL: HOW DO WE CONTRIBUTE TO SDGs?

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Your Self

Source: <https://sdgzone.com/action/how-can-i-contribute/>

Go Cashless

Go Digital

Research Before Buying

Share information about sustainability to your social media

Voice your support on sustainability efforts

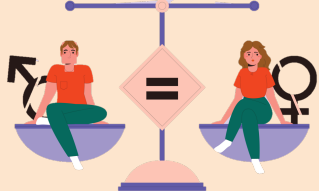
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At Work





Source: <https://sdgzone.com/action/how-can-i-contribute/>



*Fight for equality in workplace
(rights, wages, healthcare, etc)*



*Raise your voice against
discrimination*



Mentor young people



*Encourage your workplace to
perform CSR*

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THANK YOU


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