

Solusi Inovatif Menuju Konsumen dan Produksi Yang Bertanggung Jawab Dalam Rangka Menghadapi Perubahan Iklim dan Tercapainya TPB



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Agenda

1

PPBN

2

Program RECP

3

Program RECP di Indonesia

PUSAT PRODUKSI BERSIH NASIONAL (PPBN) / INDONESIA CLEANER PRODUCTION CENTER (ICPC)



KELEMBAGAAN

- Yayasan Pengembangan Produksi Bersih Nasional
- Akta Notaris No. 01 Tanggal 10 Oktober 2017
- Kantor: Gd. Manggala Wanabakti, Blok VII lantai 8



ANGGOTA

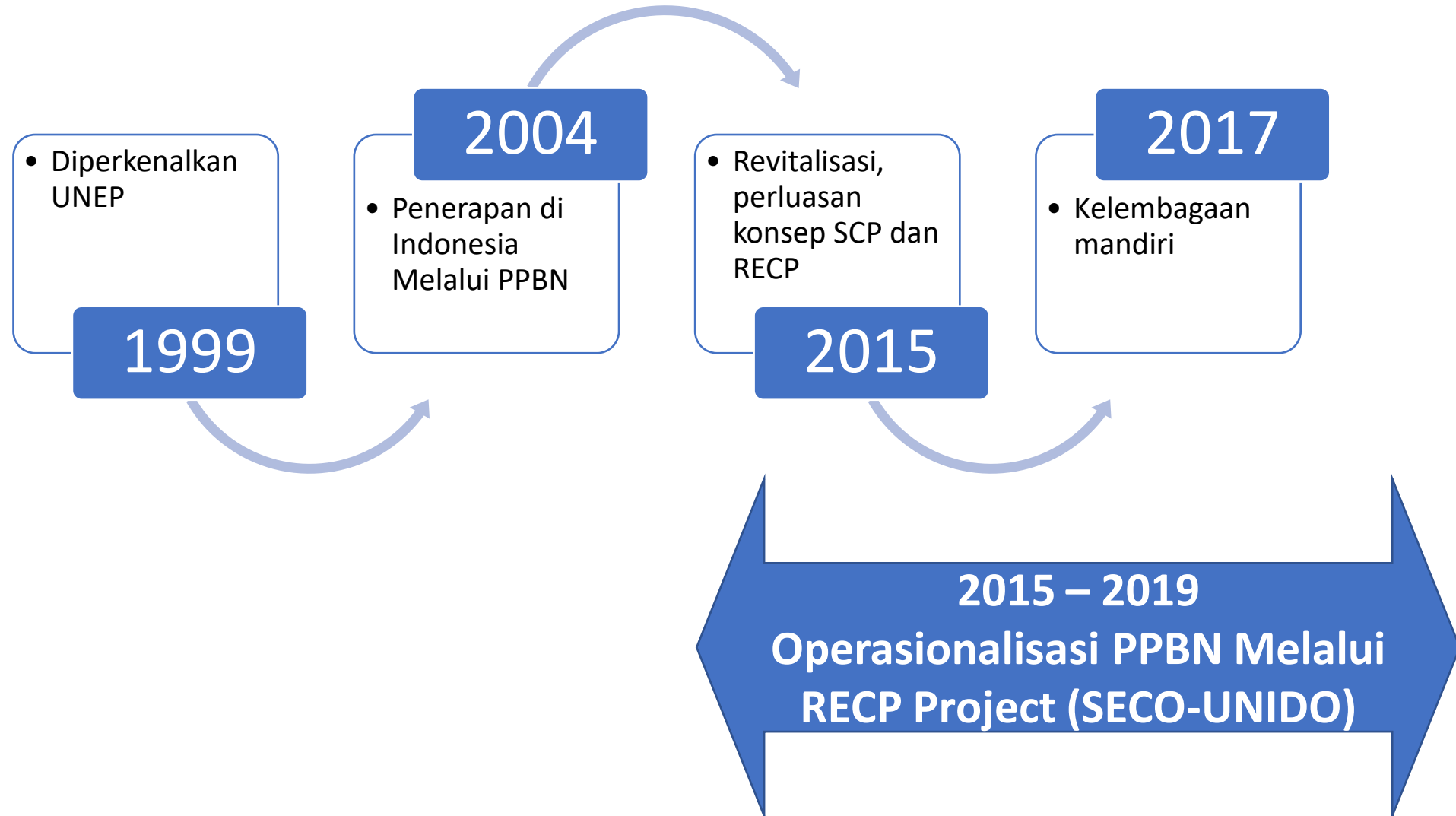
- Dewan Pengarah
- Dewan Pengurus
- Dewan Pengawas
- Unsur Pemerintah, KADIN, Industri, NGO, Konsumen



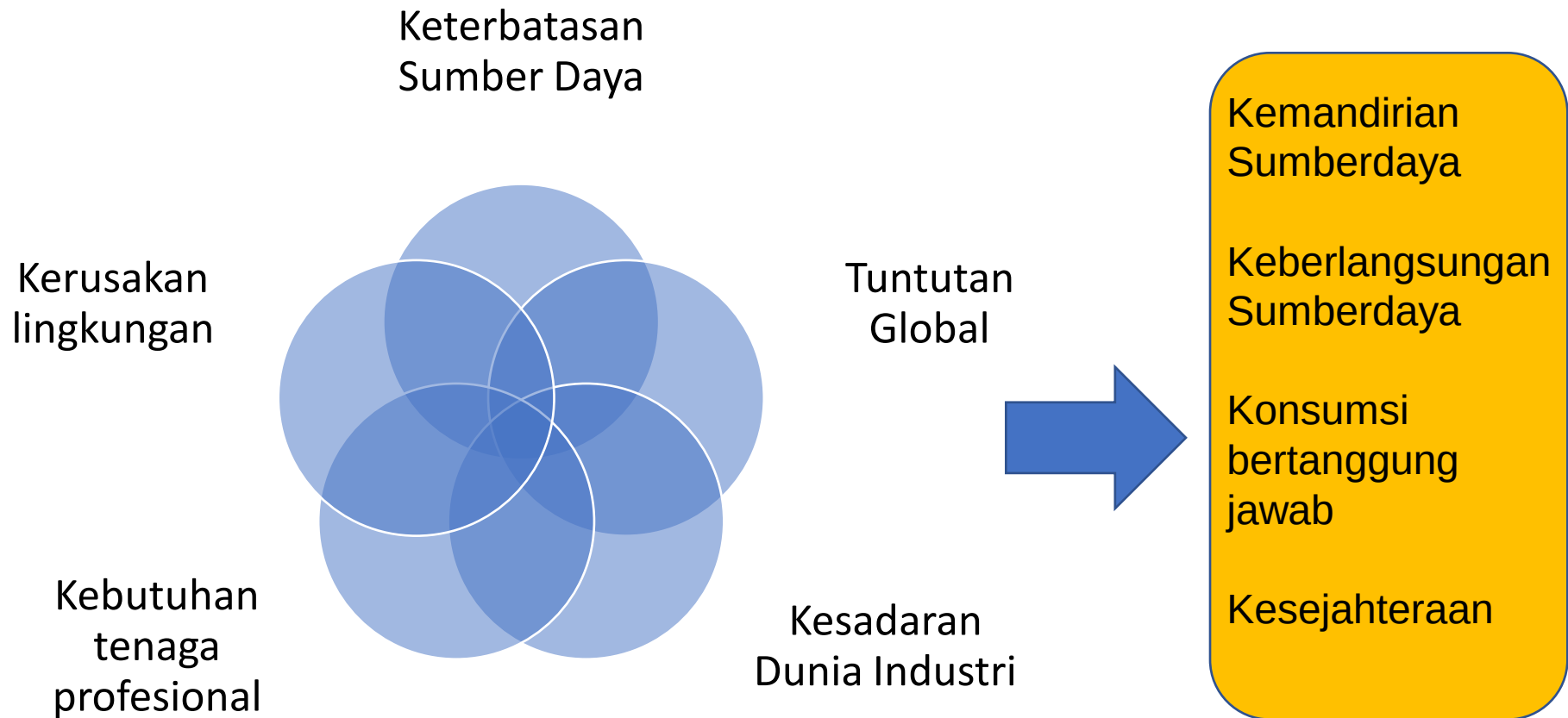
WILAYAH KERJA

- Efisiensi Sumberdaya dan Produksi Bersih
- SDG Goal 12 SCP

PERJALANAN SEJARAH PRODUKSI BERSIH



URGENSI PENERAPAN RECP



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



Green Industry

Technology,
Innovation &
Competitiveness

Sustainable
Consumption &
Production

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



Resource
Efficient &
Cleaner
Production

Sustainable
Cities

Energy (&
Resource)
Efficiency

7 AFFORDABLE AND
CLEAN ENERGY



Sustainable
Tourism

8 DECENT WORK AND
ECONOMIC GROWTH



11 SUSTAINABLE CITIES
AND COMMUNITIES



PROGRAM INTI



- Mainstreaming RECP Concept

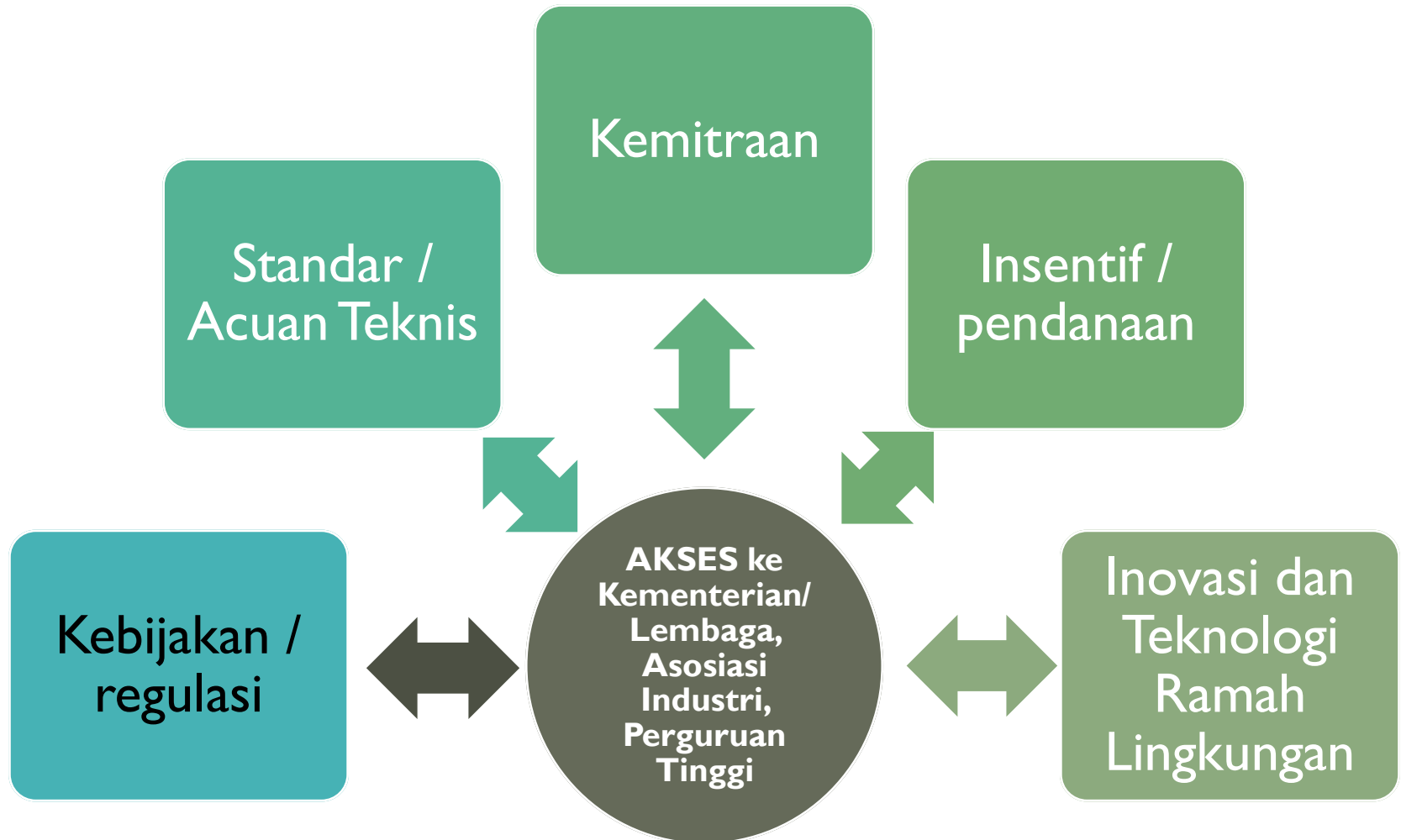


- Create RECP Market

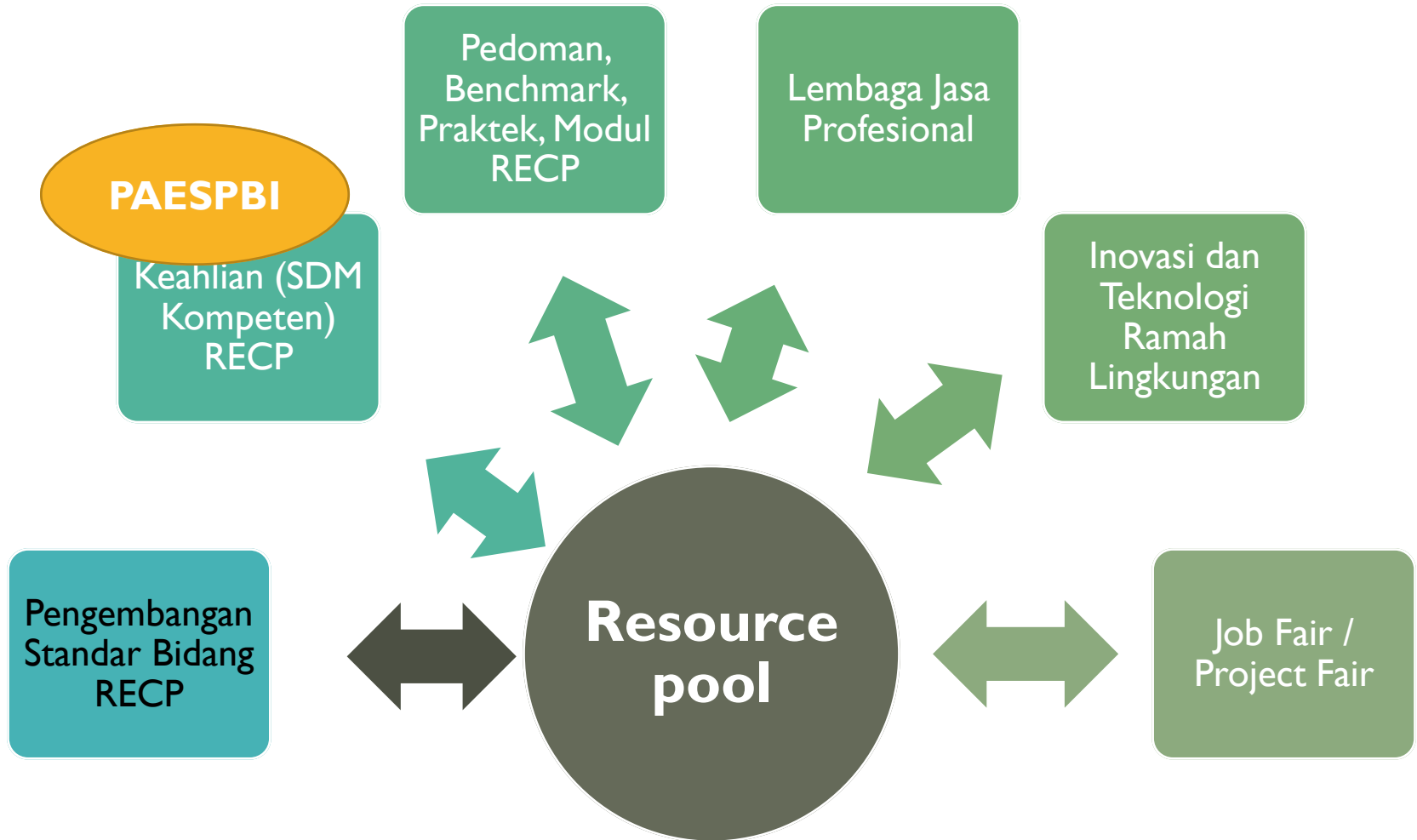
FUNGSI LAYANAN



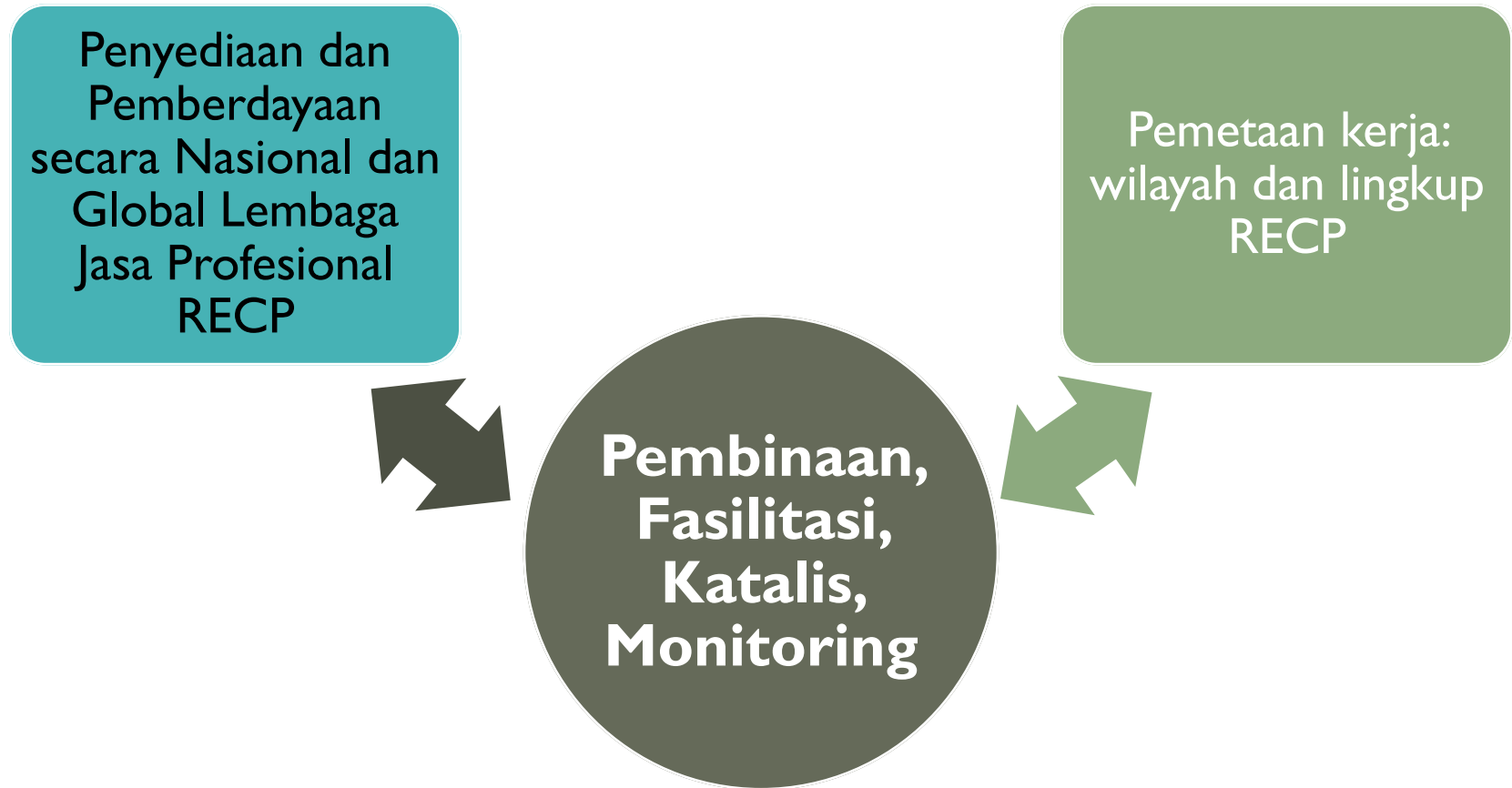
ADVOKASI



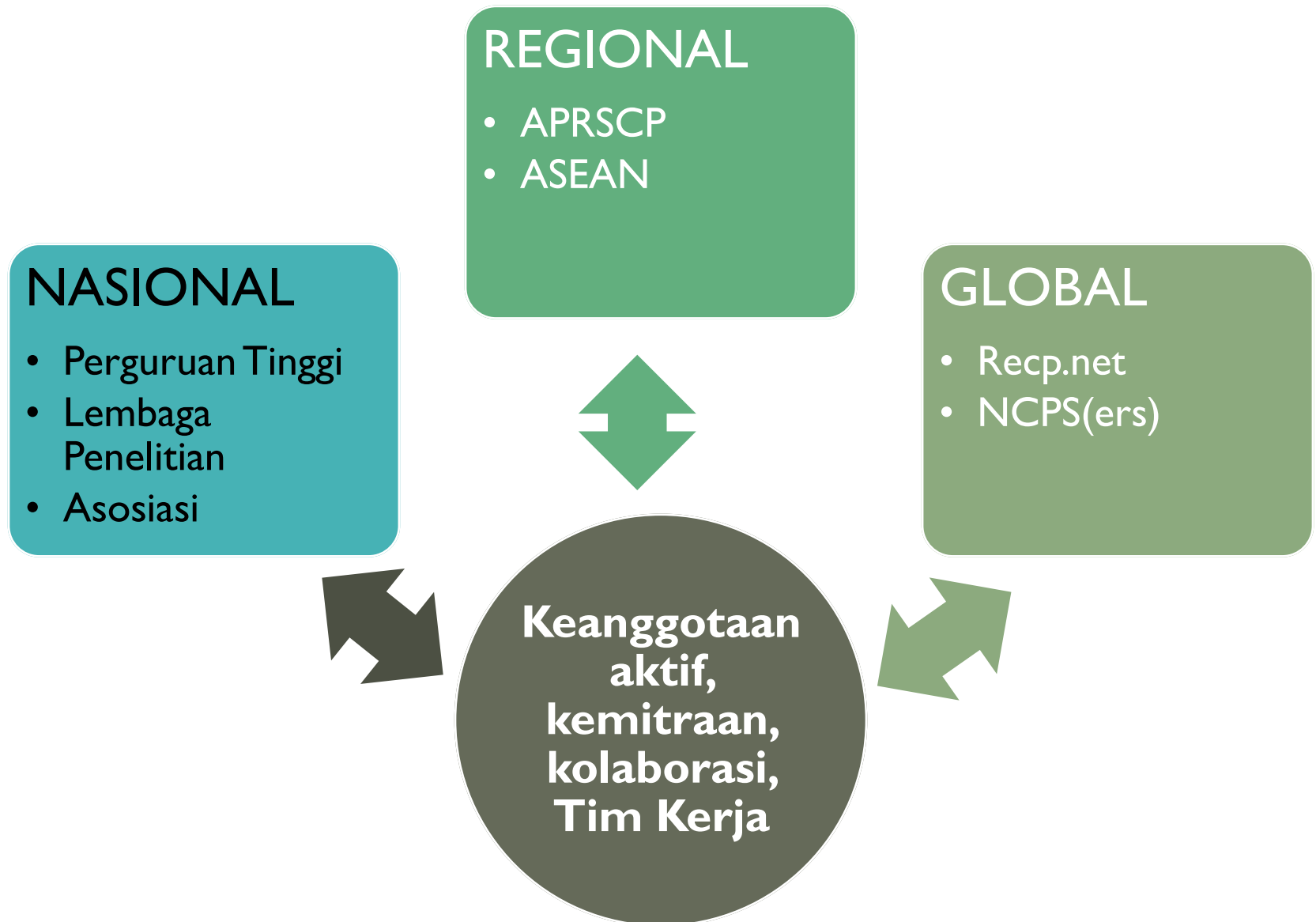
KNOWLEDGE MANAGEMENT



REGISTRASI LEMBAGA JASA PROFESIONAL



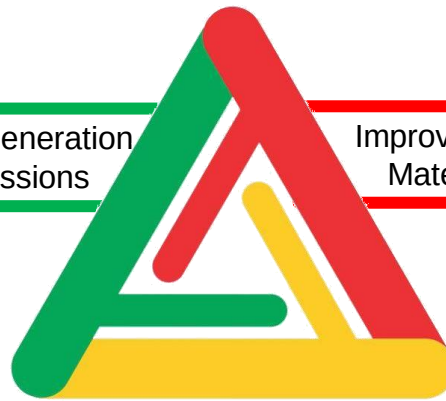
NETWORKING



RECP

Reducing The Intensity Of Generation
Of Waste, Effluents And Emissions

Improving The Productive Use Of
Materials, Energy And Water

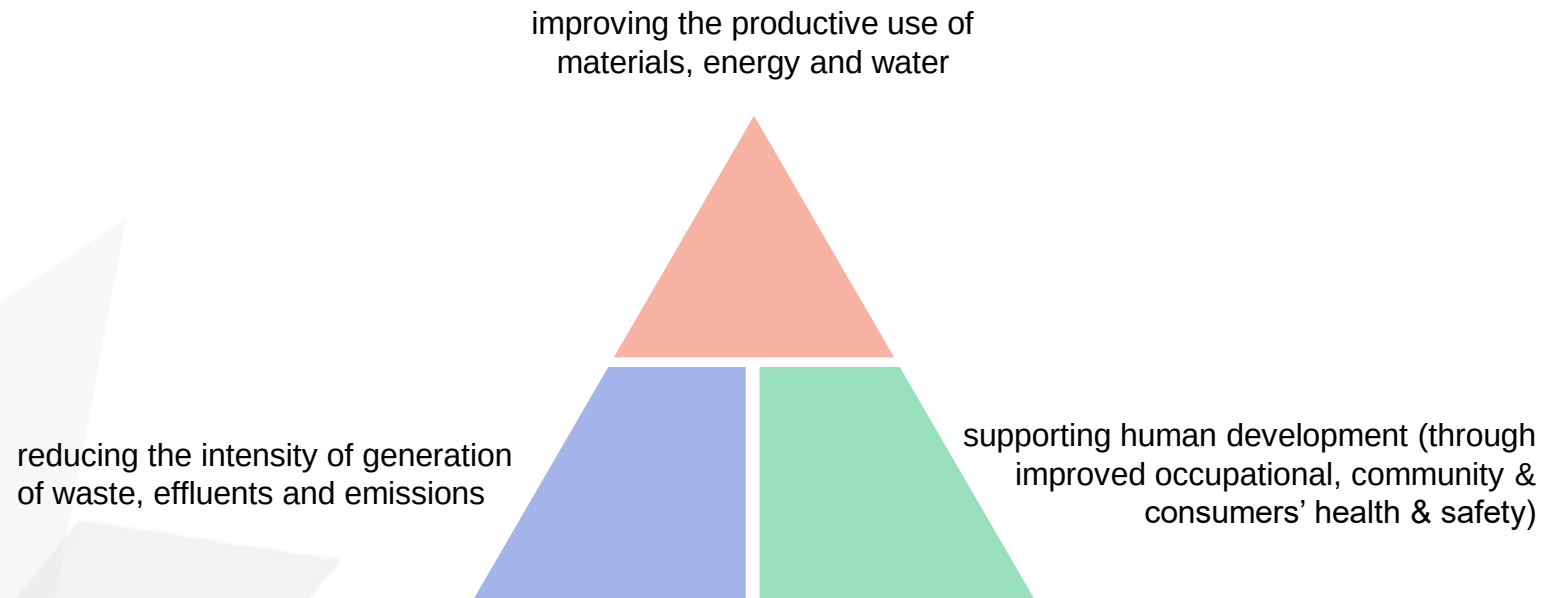


PUSAT PRODUKSI BERSIH NASIONAL

Supporting Human Development
(Through Improved Occupational,
Community & Consumers' Health & Safety)

RECP

RECP concerns the application of preventive environmental techniques and productivity practices with the triple aim:



AREA KERJA KEGIATAN



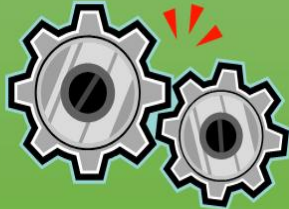
ICPC / PPBN for RECP Indonesia

Semua ada Tahapannya



Housekeeping

Improvements in work practices and maintenance



Process Optimization

Making adjustments to processes to increase efficiency



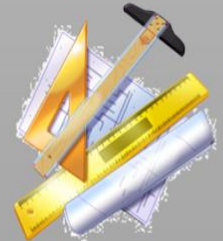
Input Material Substitution

Shifting to more environmentally sound inputs



Efficient Technologies

To enable lower resource consumption & waste generation



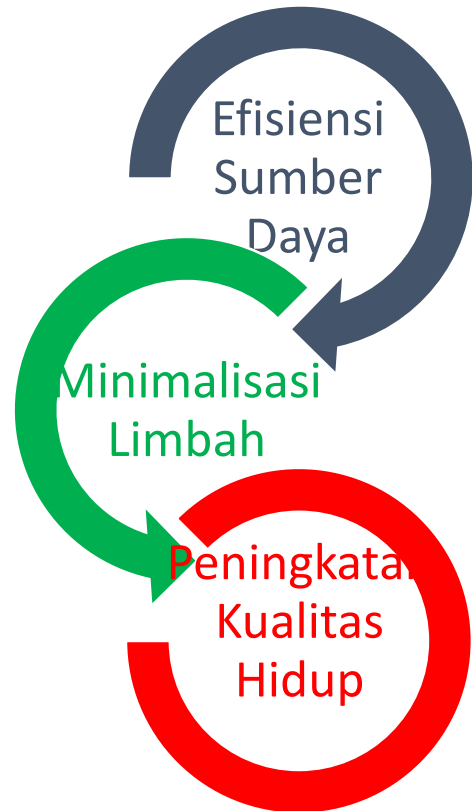
Sustainable Product Design

Minimize impacts throughout product lifecycle

Easier

Difficult

Resource Efficient & Cleaner Production



Integrated and continued application of *preventive environmental* practices and *total productivity* techniques to processes, products and services to *increase efficiency* and *reduce risks* to humans and environment

Efisiensi Sumber Daya dan Produksi Bersih

What is Resource Efficient Cleaner Production?

It is a **new** and **creative** approach (way of thinking) towards **products** and **production processes**.

- It is the continuous application of an integrated, preventive strategy to processes, products and services to increase efficiency and reduce risks to humans and the environment.

Kebutuhan Utama Penerapan RECP

- **Penerapan know/mengetahui - how/bagaimana (pendekatan secara sistematis, teknologi know/mengetahui - how/bagaimana)**
- **Perubahan tingkah laku**
- **Memperbaharui teknologi yang sudah ada secara bertahap**
- **Perubahan ke hal yang baru, lebih baik dan teknologi yang bersih**

LAPORAN PROYEK RECP INDONESIA 2013 - 2018

RECP Demo dan Replikasi

- 77 Industri

Peningkatan Kapasitas & Kesadaran

- ToT, Workshop, in House Training

Teknologi & Inovasi

- 5 jenis teknologi, 14 supplier (5 negara), 9 jenis laporan evaluasi teknologi, 9 jenis kerjasama dengan SME

RECP Investasi & Pembiayaan

- Laporan kebijakan terkait mekanisme finansial

Keuntungan Sosial

- Meningkatkan kondisi kerja, meningkatkan K3, manfaat pengurangan dampak dari U-POPs

OVERALL FUEL SAVING OPPORTUNITIES IN INDUSTRIES

MANUFACTURING

- Brewery 30%
- Pulp & Paper 25%
- Textiles 39%
- Rubber prod. 22%
- Chemical 30%
- Metal Finishing 25%

HOSPITALITY

- Hotels (Star) 41%
- Business Hotel 32%
- Restaurants 30%
- Hospitals 37%



Pengurangan emisi
CO₂: 60,768 Ton/th

Efisiensi energi:
140,342 MWh/th



MANFAAT RECP
BAGI EKONOMI
DAN
LINGKUNGAN
2013 - 2018

Hemat air:
1,295,645 m³/th



Pengurangan air
limbah: 920,543
m³/th

Penghematan langsung:
US\$ 5,200,800



Kegiatan RECP di Indonesia

1 Juli 2018 – 30 Juni 2019

Implementasi RECP:

- Regulatory and policy framework
- Sektor tekstil (8 unit)
- Sektor kawasan industri

Makassar (4 unit baru & 2 unit lanjutan)

Serang (4 unit baru)

- **Sektor pariwisata (8 unit baru)**
- RECP club (8 club)
- Training/ Workshop



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pesona
indonesia



Terima kasih



PUSAT PRODUKSI BERSIH NASIONAL

Pusat Produksi Bersih Nasional

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