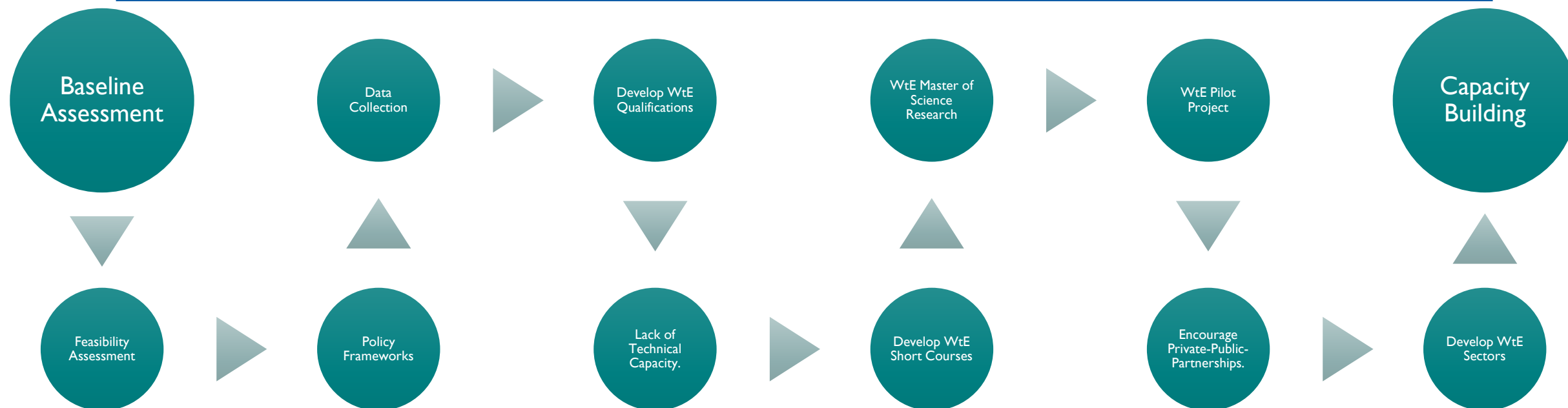


# PACIFIC ADOPTION OF WASTE TO ENERGY SOLUTIONS (PAWES) PROJECT

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**3RS & CIRCULAR ECONOMY**

# PAWES ACTIVITIES: WTE INITIATIVES

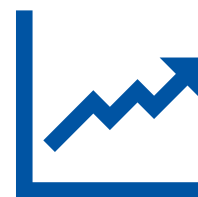


# CIRCULAR ECONOMY

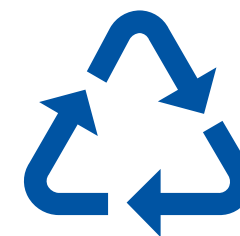
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Minimize waste  
generation



Promote resource  
efficiency



Maximize the value  
of resources

## WTE & CIRCULAR ECONOMY



Converting non-recyclable & residual waste into Energy

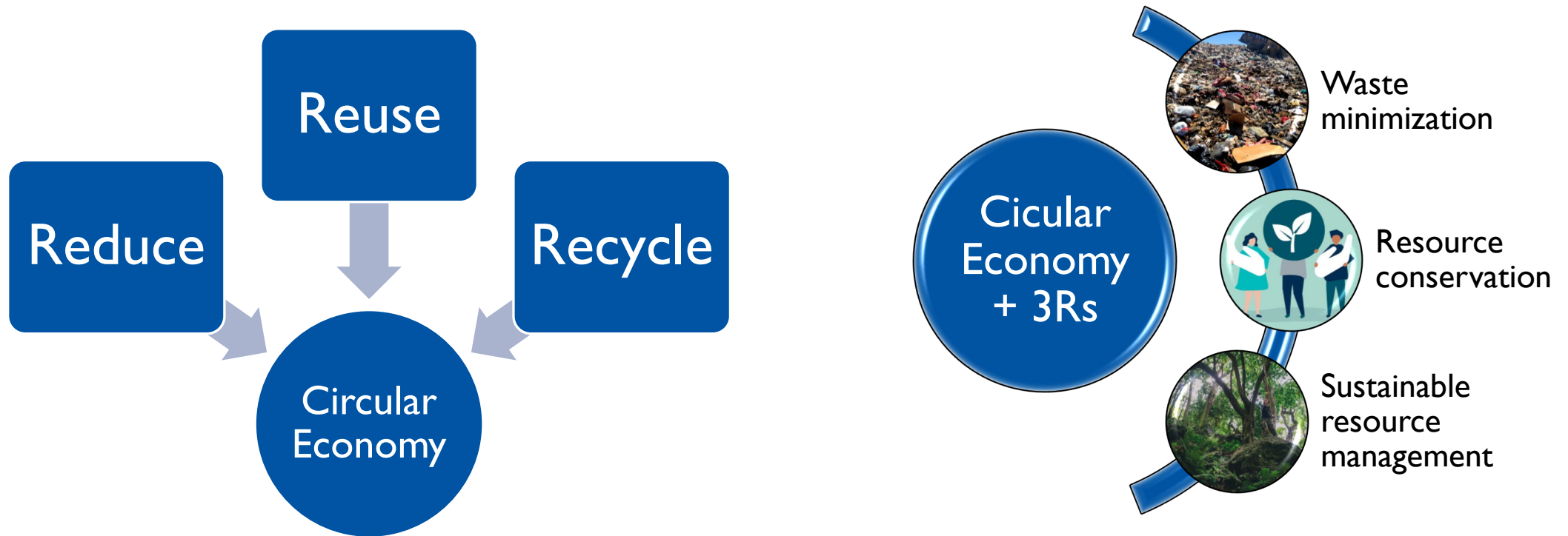


Recovering Value from Waste materials.



WtE closes the loop in the resource recycle.

# INTEGRATING 3RS: ESSENTIAL COMPONENTS OF CIRCULAR ECONOMY



# BENEFITS OF THE INTEGRATED APPROACH

## Environmental:

- Reduce waste generation.
- Lower greenhouse gas emissions.
- Promote energy recovery.

## Socio-Economic;

- Create new job opportunities.
- Foster innovation in sustainable waste management practices.



## CASE STUDIES

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These are readily available in each of these PICs as per data collected from Baseline Assessments.

Pyrolysis

Compost

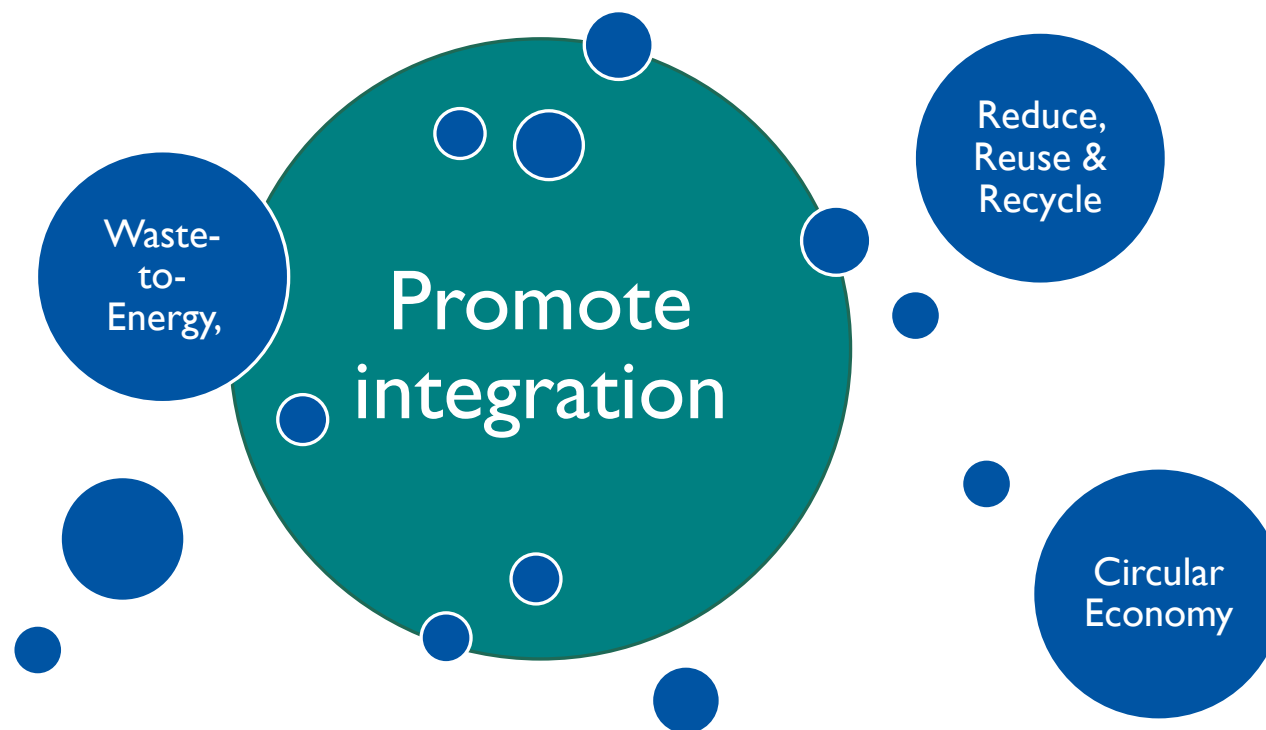
Biomass Gasifier

Incinerator

Biodigester

# POLICY & REGULATORY CONSIDERATIONS

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# FUTURE PERSPECTIVES

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Explore further achievements of WtE technologies,  
3R strategies & CE principles.



Discuss emerging trends, challenges & opportunities  
of integrated waste management & energy recovery.

# FA'AFETAI FOR YOUR ATTENTION

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TECHNICAL WASTE OFFICER, PAWES PROJECT

EMAIL: [LILIANP@SPREP.ORG](mailto:LILIANP@SPREP.ORG)