



BALANCE
green and stable

Bringing Sustainability and Environmental Action
Together for Future



Co-funded by the
Erasmus+ Programme
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MODULE 5

Process Approach of Business Practices

UNIT 1

What is Process Approach?



Process Approach

What is Process Approach?

- Focus on activities
- Not the people
- Or the products





Process Approach

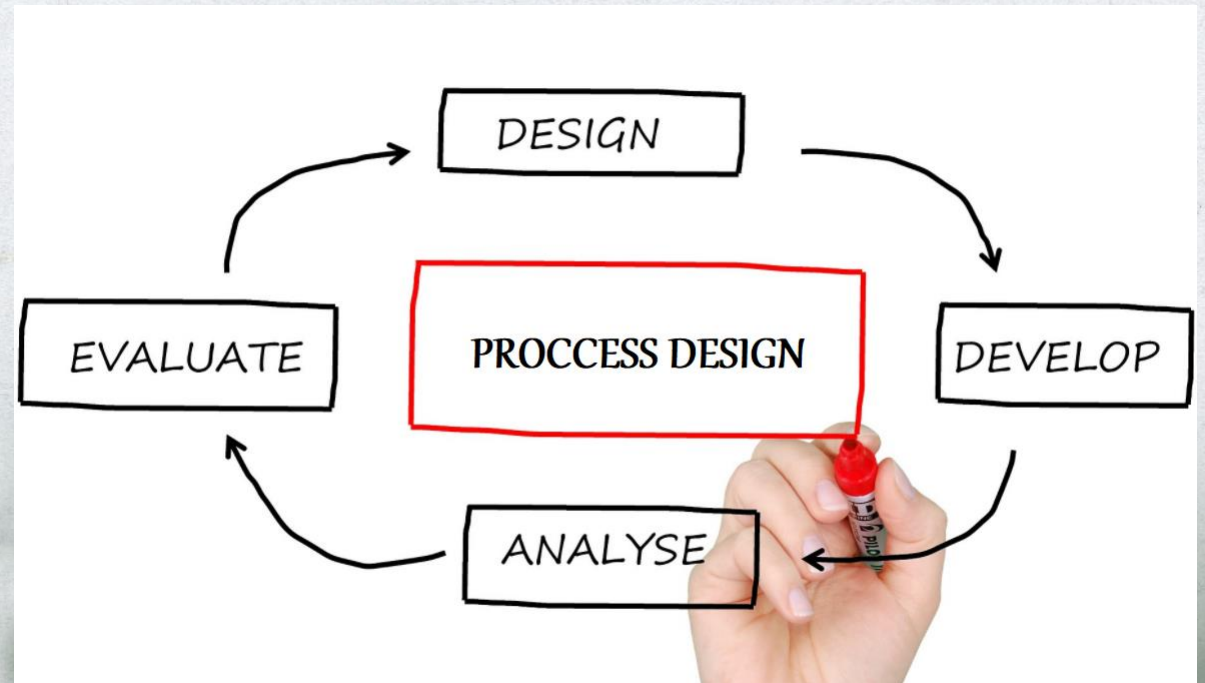




Process Approach

Process Design:

- Plan
- Analyse
- Design & Model
- Operate
- Monitor & Control
- Improve





Process Approach

ISO Standard 14001:2015, Environmental Management System:

- Determine Environmental aspects
- Determine Competences
- Identify Operational controls
- Monitor and measure
- Perform Internal audit
- Perform corrective actions

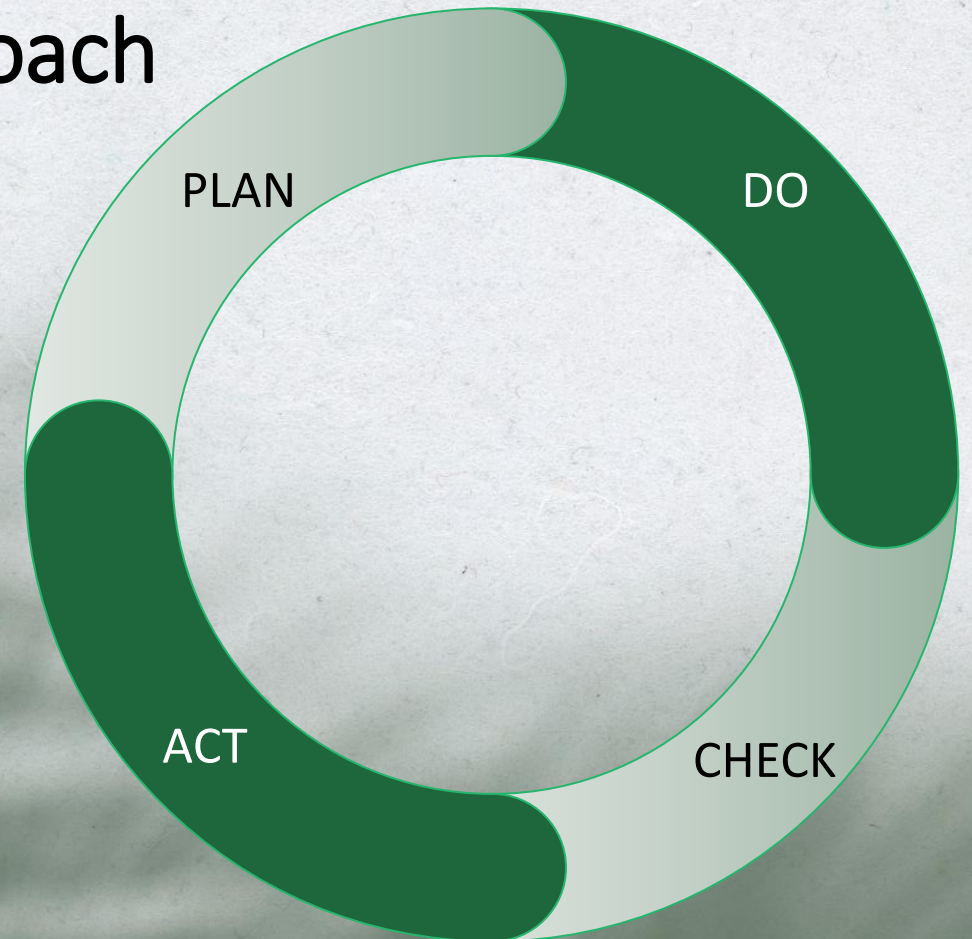




Process Approach

ISO 9001 Standard

- Identify key processes
- Set standards
- Measure and evaluate the processes
- Documentation
- Continuous Improvement





Process Approach

Every process system shall:

- Determine Inputs and Outputs
- Identify resources used
- Define the sequence and interaction between them
- Perform evaluation → SWOT Analysis

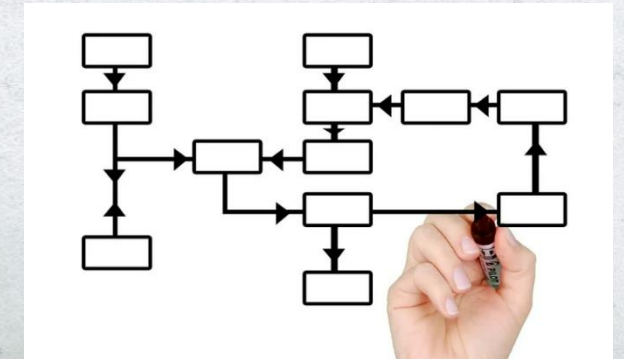




Process Approach

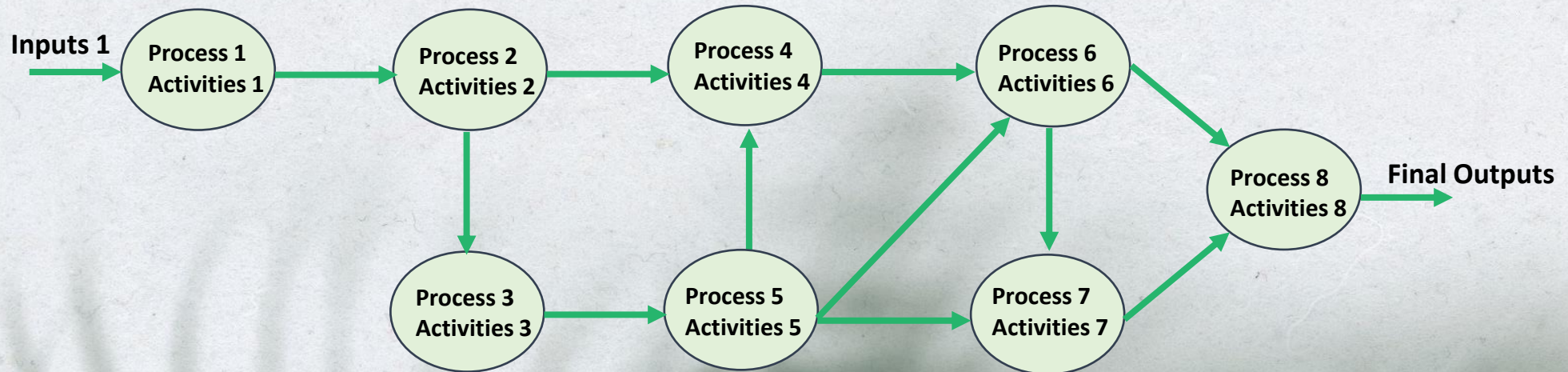
Process maps.

- Suppliers, Inputs, Procedures, Outcomes, Customers (SIPOC) diagram
- Turtle diagram
- Swim lane flowchart





Process Approach

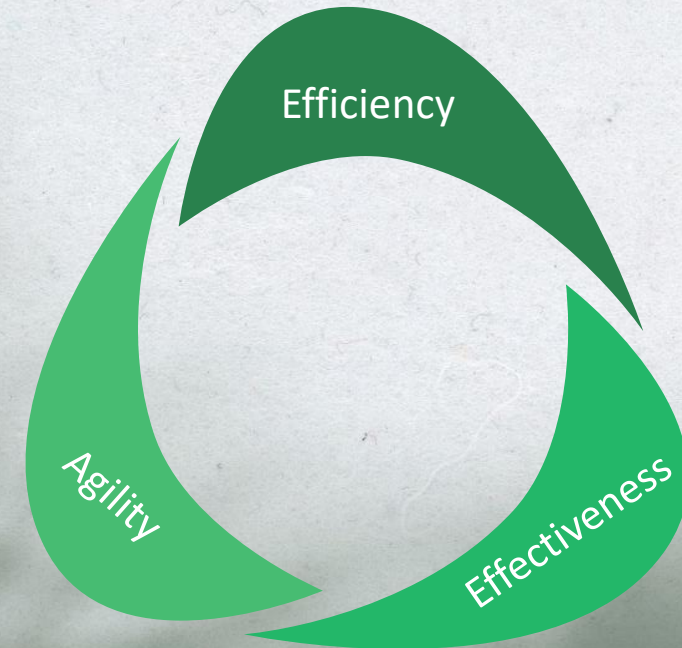




Process Approach

Business approach benefits:

- Efficiency
 - ❖ Better Communication & Control
 - ❖ Save time
- Effectiveness
 - ❖ Handle changes faster & better
 - ❖ Consistent results
- Agility
 - ❖ Comply with changes
 - ❖ New possibilities





Environmental Business practices

What is a business practice?

- Aggregate of actions
- Complete a result

Environmental business practice

- Sustainable results





Environmental Business practices

Being Sustainable:

- Economically viable
- Socially responsible
- Environmentally friendly

TRIPLE BOTTOM LINE



Sustainable business strategies are those that negate the negative impact on the environment while still allowing the business to be economic profitable.



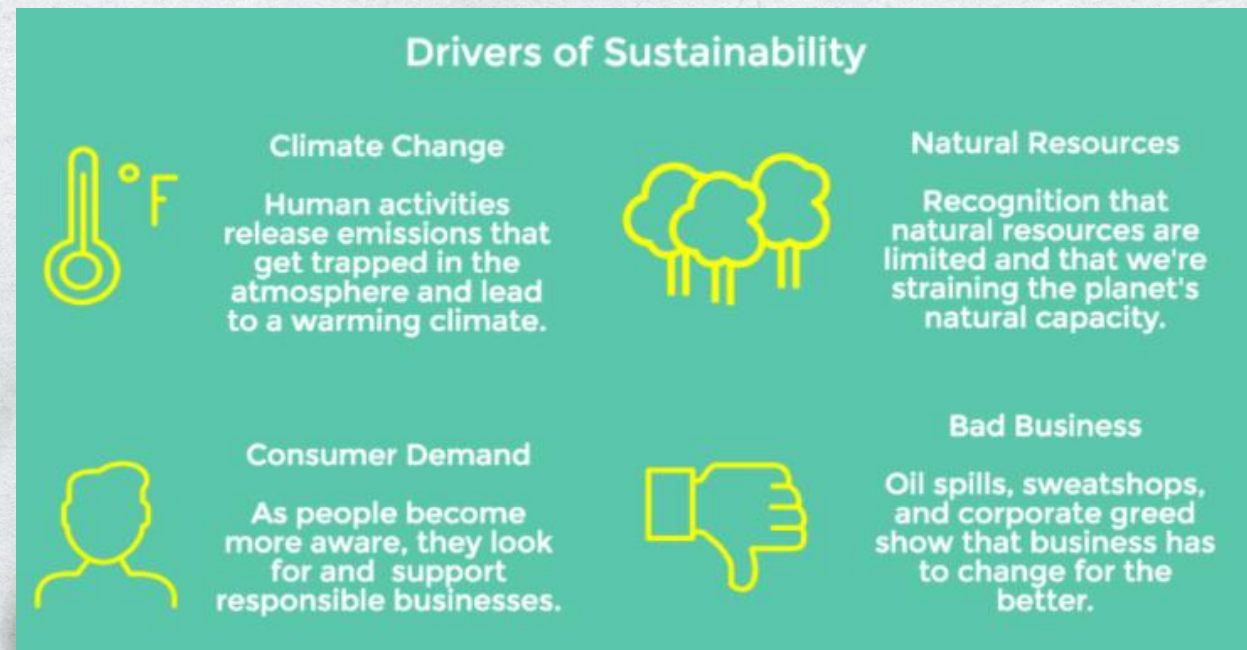
Environmental Business practices

- Identify environmental impacts
- Address the most beneficial
- Consider suitable sustainability practises
- Benefit
 - ❖ The company
 - ❖ The society



Environmental Business practices

- Drivers to switching business practices





Setting Green Objectives

Set objectives to:

1. Improve the environment
2. Evaluate the performance
3. Evaluate the impact





Setting Green Objectives

Evaluating the Impact, targets set by:

- The business
- National regulations
- European regulations
- International laws and policies

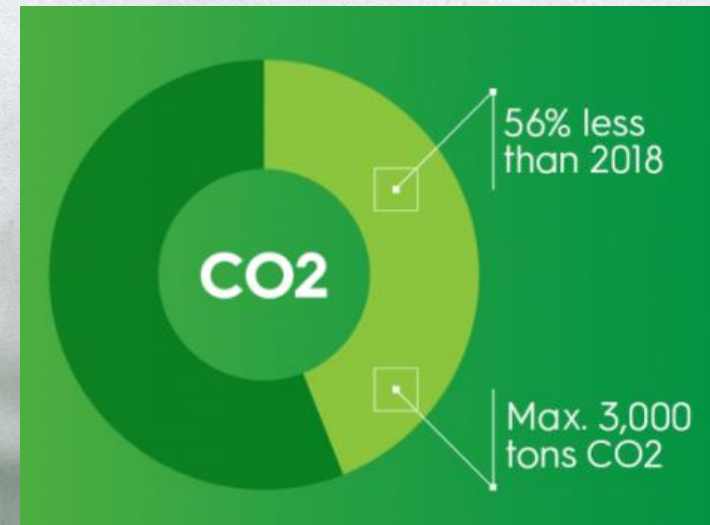




Setting Green Objectives

Target examples:

- Paper, Water, Energy usage
- Emissions
- CO₂ footprint





Setting Green Objectives

Guidelines to set up goals:

- Management Commitment
- Revolutionary goals
- Set milestones
- Use a full lifecycle approach
- Measure the goals
- Set priorities



Setting Green Objectives

Guidelines to set up goals:

- Determine suitable goals
- Consider the balance
- Listen to employees
- Consider Collaboration
- Consider the nine planetary boundaries model



Setting Green Objectives

Nine planetary boundaries model:

- Climate Change
- Lost biodiversity
- The addition of phosphorus, nitrogen to the world's crops & ecosystems
- Deforestation
- Emission of aerosols
- Stratospheric ozone depletion
- Ocean acidification
- Freshwater use
- Disposal of pollutants into the environment

UNIT 2

Environmental Business Practices



Environmental Business practises

Internal Adjustments:

- Employee's Education & Training
 - ❖ Environmental awareness
 - ❖ Seminars/Webinars
 - ❖ Lectures



Environmental Business practises

Internal Adjustments, Challenges:

- How to adopt sustainable initiatives
 - ❖ Define processes
 - ❖ Use proven best practices
 - ❖ Get training by professionals
- Financial affordability
 - ❖ Short payback projects
- Lack of time
 - ❖ Set priorities
 - ❖ Organize a green team





Environmental Business practises

Internal Adjustments, Challenges:

- Engagement of employees
 - ❖ Discuss the initiatives
 - ❖ Brief them how to contribute
- Company Culture
 - ❖ Engage the management
 - ❖ Educate employees
- Attract the costumers
 - ❖ Inform of the benefits
 - ❖ Share your initiatives

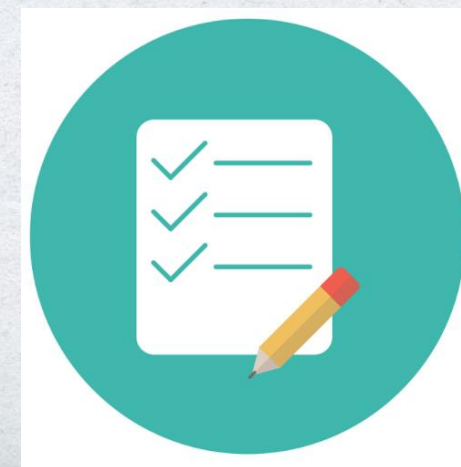




Environmental Business practises

Internal Adjustments, Benefits:

- Reduced Costs
- Reduced Resources
- Increased satisfaction and loyalty from customers
- Increased satisfaction of the employees





Environmental Business practises

Internal Adjustments, Developing a Green Team:

- What is a Green Team?
 - ❖ Focus on processes and activities
 - ❖ Identify sustainable opportunities
 - ❖ Design adjustments
- How to start a Green Team?
 - ❖ Ask for volunteers
 - ❖ Represent every department of the company





Environmental Business practises

Internal Adjustments, Developing a Green Team:

- What is the purpose?
 - ❖ Engage employees
 - ❖ Diversity of ideas
- What are the activities?
 - ❖ Meetings
 - ❖ Launches
 - ❖ Volunteer opportunities
 - ❖ Certifications on green practices
 - ❖ Training of employees



Environmental Business practises

Internal Adjustments, Developing a Green Team:

- What are the activities?
 - ❖ Perform sustainability audit





Environmental Business practises

Internal Business practises for all types of companies:

- Recycling
- LEDs bulbs
- Reduce paper use
- Water saving fixtures
- Supplier Policy
- Green Cleaning



Environmental Business practises

Internal Business practises for all types of companies:

➤ Recycling

- ❖ Paper
- ❖ Plastic
- ❖ Glass
- ❖ Metal



Implementing recycling is cost free for the organization.



Environmental Business practises

Internal Business practises for all types of companies:

- LEDs bulbs compare to incandescent bulbs
 - 75% less energy
 - Last 25 times longer
 - Reduced utility bills
 - Reduce maintenance costs





Environmental Business practises

Internal Business practises for all types of companies:

- Reduce paper use
 - ❖ Digital era
 - ❖ E-mails
 - ❖ Documentation
 - ❖ Recycled paper
 - ❖ Double side printing





Environmental Business practises

Internal Business practises for all types of companies:

- Water saving fixtures
 - ❖ Faucets
 - ❖ Toilets

Installing water saving fixtures requires investment for the company with short payback period.





Environmental Business practises

Internal Business practises for all types of companies:

- Supplier Policy
 - ❖ Review partners and suppliers
 - ❖ Choose based on Certifications
 - B Corporations certificate
- Green Cleaning
 - ❖ Avoid products with chemicals
 - ❖ Choose based on Certifications



Environmental Business practises

Internal Business practises, Depending on the company:

- Work from home
- Replacing business trips with video calls
- Replacing company car fleet with electric
- Renewable energy involvement



Environmental Business practises

Internal Business practises, Depending on the company:

- Work from home
 - ❖ Driven by the pandemic
 - ❖ Decrease employee's commute emissions



Environmental Business practises

Internal Business practises, Depending on the company:

- Replacing business trips with video calls
 - ❖ Reduce carbon footprint
 - ❖ Reduce expenses





Environmental Business practises

Internal Business practises, Depending on the company:

- Replacing company car fleet with electric
 - ❖ Environmentally friendly
 - ❖ Reduce emissions in the area of use





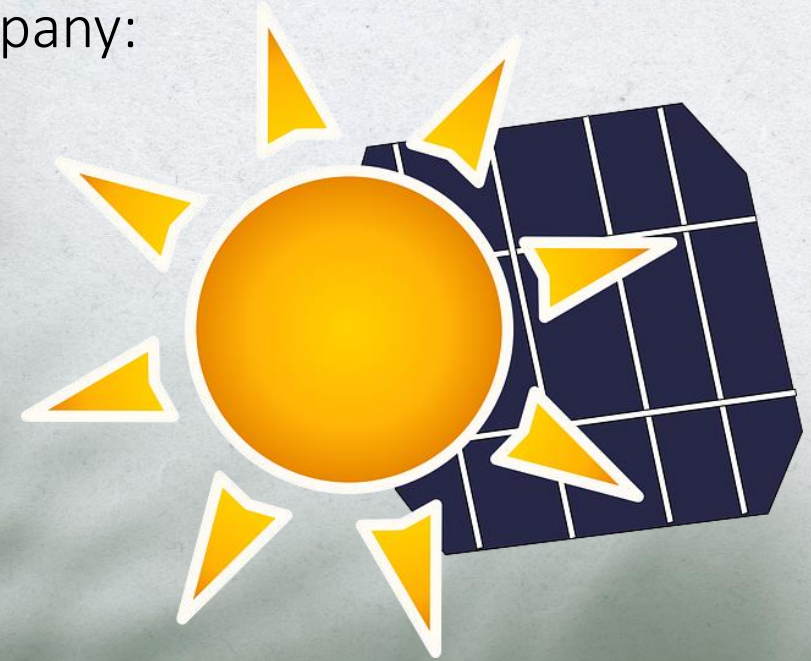
Environmental Business practises

Internal Business practises, Depending on the company:

- Renewable energy involvement
 - ❖ Big companies and/or factories
 - ❖ Renewable energy sources

Costly investment

- *Research*
- *Design*
- *Execution*





Environmental Business practises

Examples of internal business practises:

- *Switch all lighting to LEDs*
- *Flexible work from home*
- *Eliminate paper use*
- *Install Water saving fixtures*
- *Consider renewable energy*
- *Replace unnecessary*
- business trips with video calls*
- *Install Motion sensors for office lighting*
- *Buy remanufactured ink and toner cartridges*
- *Use Non-toxic cleaning products*
- *Introduce plants into the office*
- *Buy second-hand office equipment when possible*
- *Implement Recycling program*
- *Use No-VOC interior paints*



Environmental Business practises

Utilization and enhancement of resources:

- Resource efficiency:
 - ❖ Minimize Waste
 - ❖ Improve productivity
 - ❖ Reduce costs
 - ❖ Create employment opportunities
 - ❖ Promote Innovation



Environmental Business practises

Utilization and enhancement of resources:

- Energy efficient lighting:
 - ❖ Evaluate lighting
 - ❖ Save energy
 - ❖ Save money
 - ❖ Consider available options





Environmental Business practises

Utilization and enhancement of resources:

- Energy efficient lighting
 - ❖ Types of bulbs
 - Incandescent: Inefficient
 - CFLs: Efficient but contain mercury
 - LEDs: Efficient without mercury

The best fit for an organization is the replacement of incandescent bulbs & CFLs with LEDs.



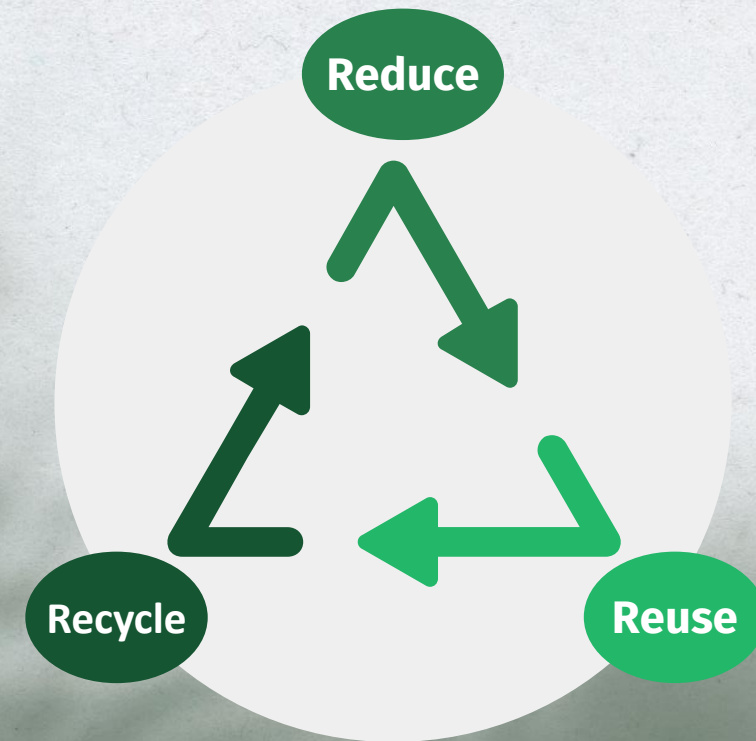
Environmental Business practises

Utilization and enhancement of resources:

➤ Reducing the Waste

Remember to:

- ❖ Reduce
- ❖ Reuse
- ❖ Recycle





Environmental Business practises

Utilization and enhancement of resources:

➤ Reducing the Waste

❖ Reduce

- Waste audit
- Evaluate products used
- Contact the suppliers



Environmental Business practises

Utilization and enhancement of resources:

➤ Reducing the Waste

❖ Reuse

- Non-degradable products
- Replacement of disposable items
- Long term money savings



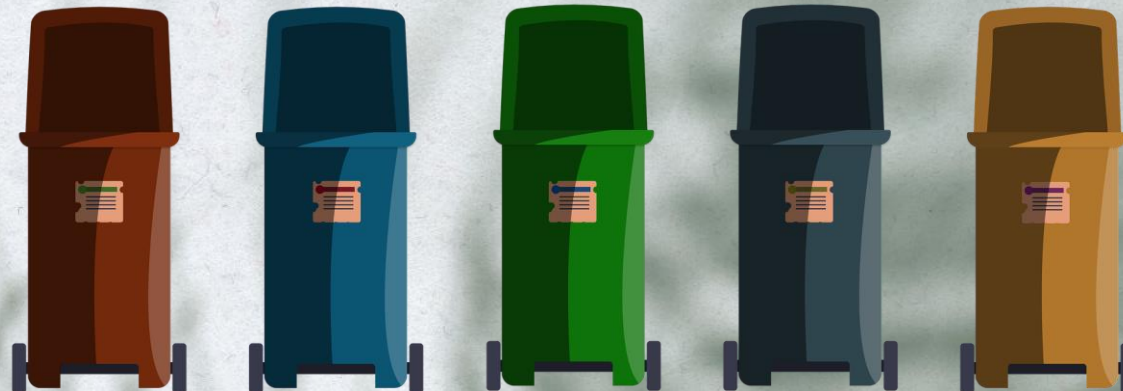
Environmental Business practises

Utilization and enhancement of resources:

➤ Reducing the Waste

❖ Recycle

- Identify commonly used materials
- Provide fitting bins and signs
- Contact organizations for further recycling





Environmental Business practises

Utilization and enhancement of resources:

- Strategy Development
 - ❖ Identify greenhouse gas emissions
 - ❖ Monitor greenhouse gas emissions
 - ❖ Reduce greenhouse gas emissions
 - ❖ Develop net zero strategy





Environmental Business practises

Utilization and enhancement of resources:

- Net zero strategy
 - ❖ Elimination of emissions to the environment
 - Get advice
 - Commitment to the sustainable practices
 - Calculation of the carbon footprint
 - Development of reduction strategy
 - Sharing results and practices



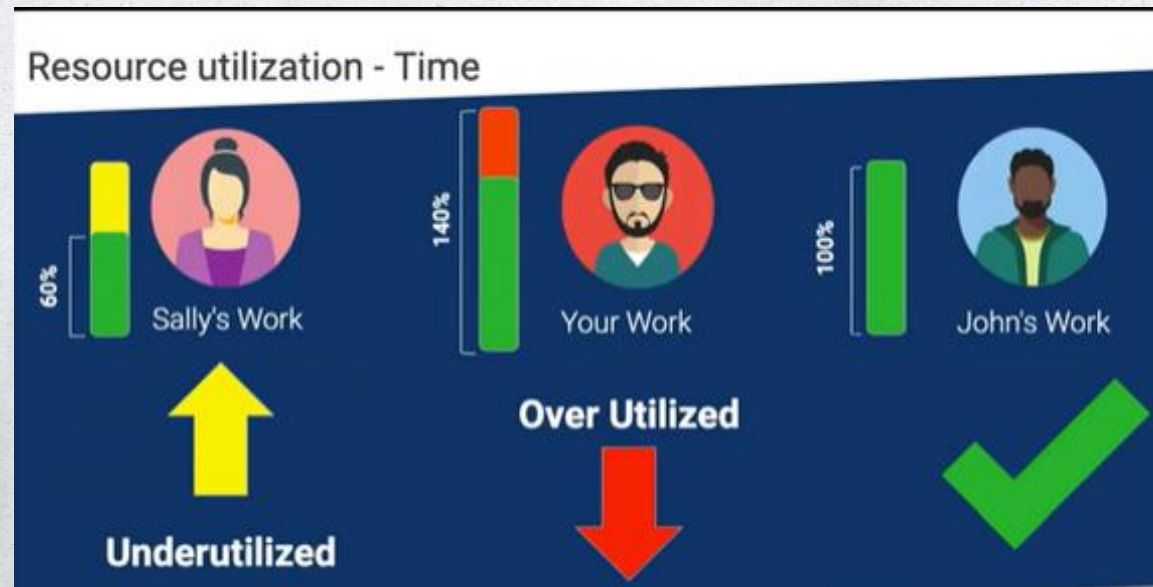
Environmental Business practises

Resource utilization:

- Measure the availability
- Ensure resources are not being over or under utilized
- Maximize benefits
- Minimize environmental impacts

Environmental Business practises

- Example of resource utilization:





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Thank you!



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