



**19. konferenca  
Dnevi slovenske informatike**

# **Globalni pogled na trajnostni razvoj**

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# Sustainability







New  
middle class

Need to  
innovate



Price volatility,  
margin risk

Climate instability,  
pollution



Growing public  
awareness

Supply at risk



Brand  
at risk

Cost and risk  
of compliance

Employability

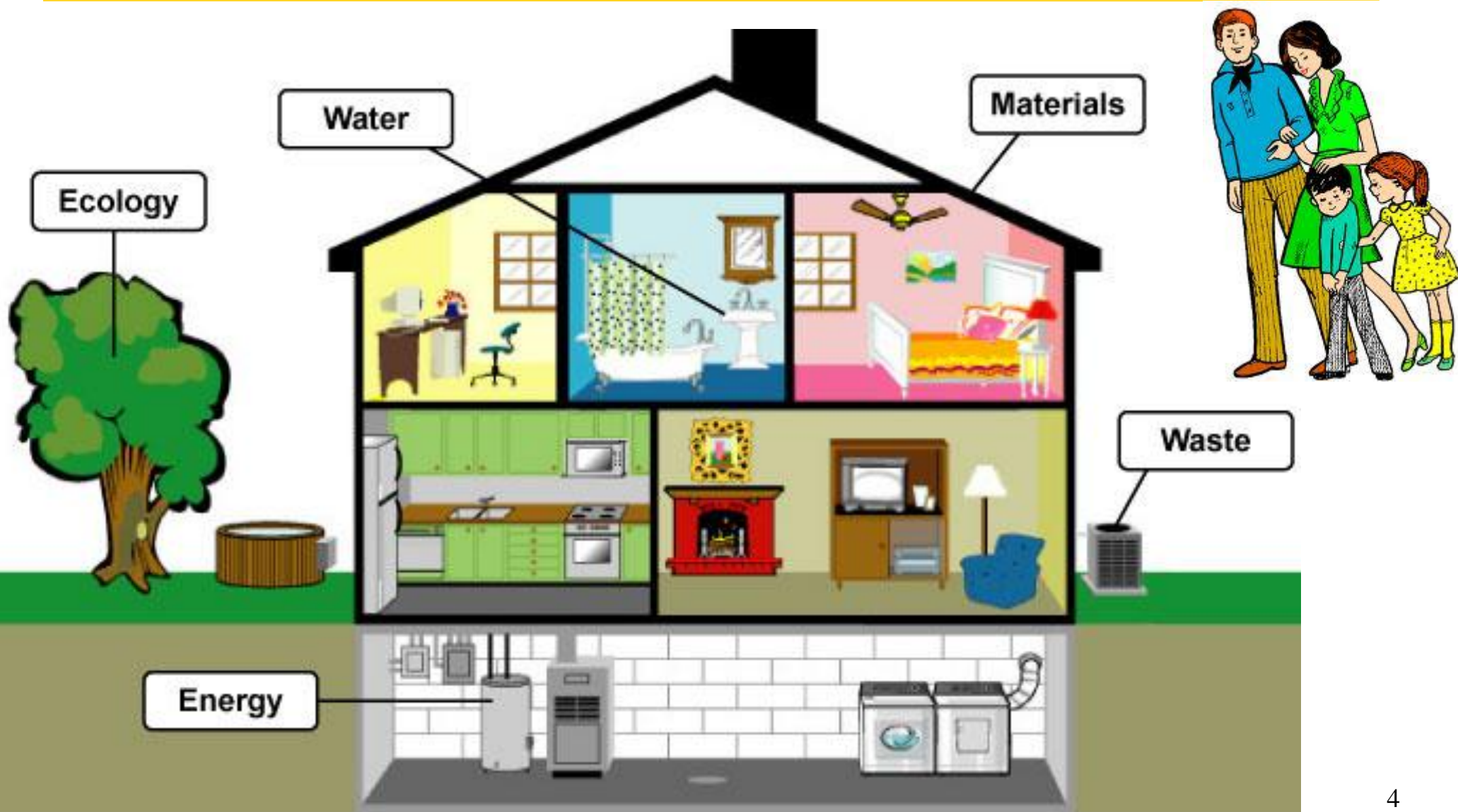
Aware  
consumers

# NEW RISKS AND OPPORTUNITIES





## Sustainability management at your house





## Sustainability management in small business







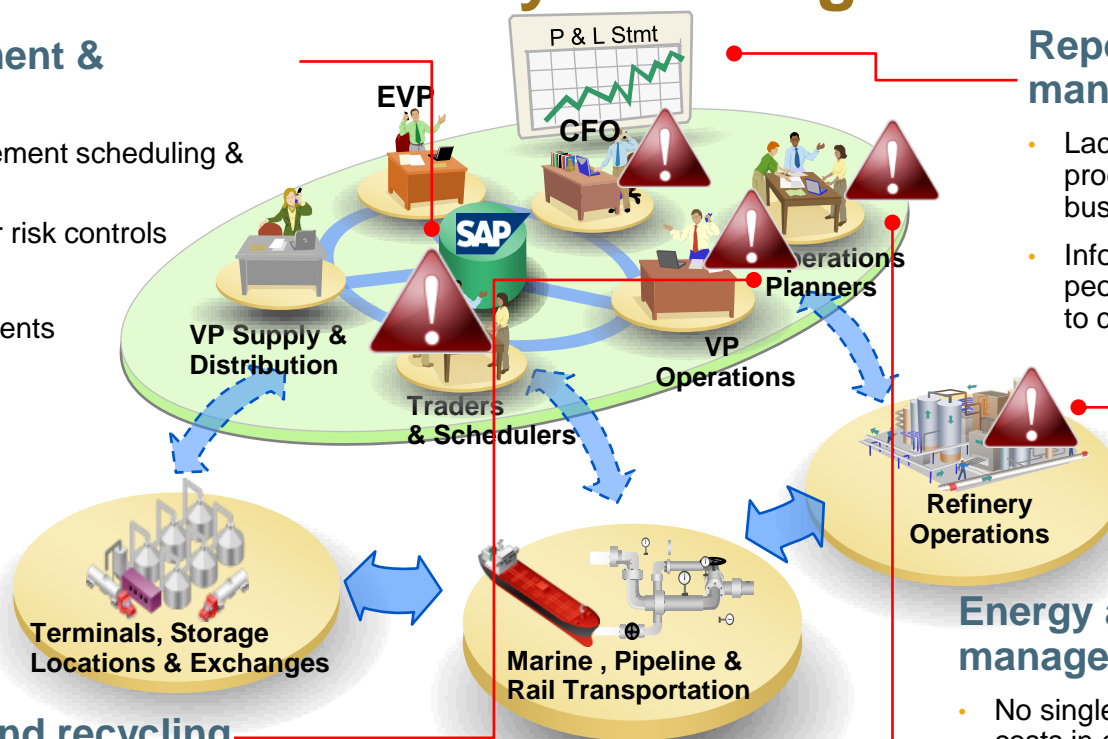
## Sustainability management in bigger company



# Sustainability challenges

## Supply Chain Management & Sustainable products

- Lack visibility into product movement scheduling & transportation plans
- Trades executed without proper risk controls
- No reliable demand forecast
- Processing of inventory movements is untimely & inaccurate



## Reporting and emissions management

- Lack of alignment to company processes limits ability to drive business improvement
- Information spread across many people and systems make it difficult to collect reliable data

## Energy and resources management

- No single system of record for energy use and costs in enterprise (across assets, energy types, or locations)
- Inability to identify energy waste, leakage or checks against set points
- Lack of effective reduction and optimization project

## Waste management and recycling administration

- Follow European regulatory requirements for package recycling, battery disposal and WEEE (Waste Electrical Equipment)
- Need for centralize recycling administrative tasks for cost savings and data accuracy

## Health & Safety

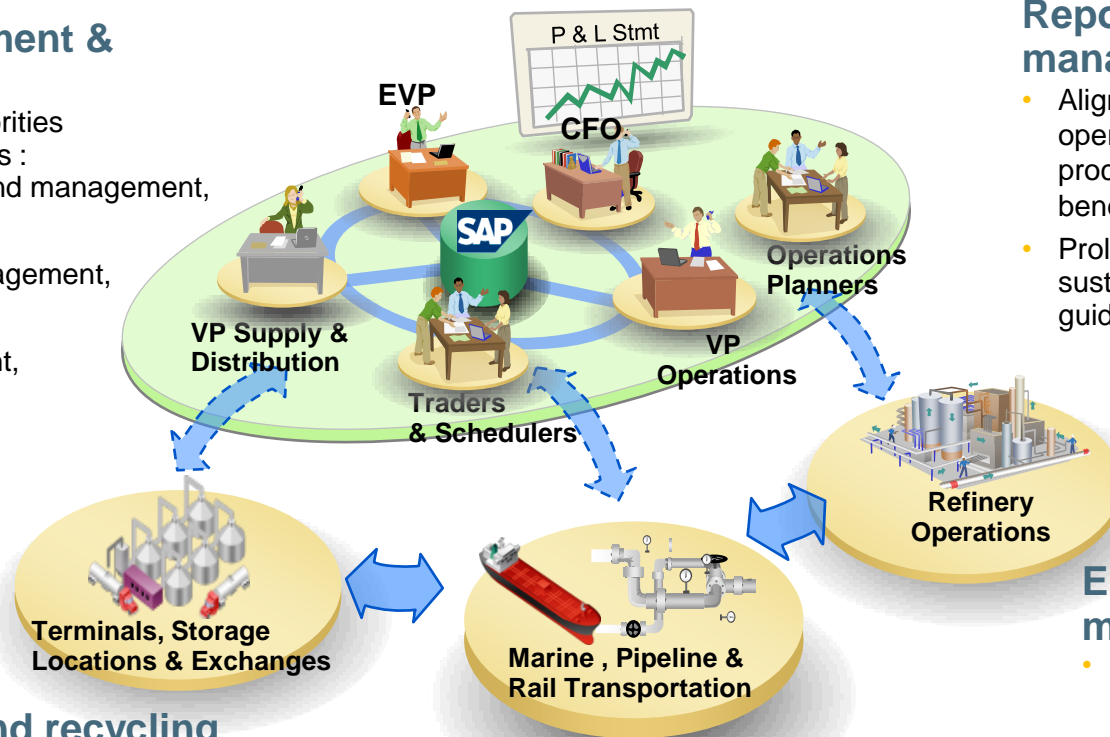
- Difficulty complying with increasingly complex global regulatory requirements and implementation of EHS standards
- Inability to proactively identify and mitigate risks
- Excessive cost and business risk due to inefficient and disconnected H&S processes



## SAP answer to Sustainability challenges

### Supply Chain Management & Sustainable products

- Meet requirements from authorities
- Keep product safety processes :  
- MSDS generation, shipping, and management,
- Global label management,
- Product safety document management,
- Substance volume tracking,
- Dangerous goods management,



### Reporting and emissions management

- Align sustainability performance with operational data and management processes to achieve business benefits
- Proliferation of many rapidly changing sustainability standards and guidelines

### Waste management and recycling administration

- Integrated, global recycling administration solution
- Lowest cost for compliance, accurate fee calculations  
Increase productivity, minimize costs  
Continuous support for current and future recycling, packaging and reuse regulations and retailer mandates
- Protect brand, secure business continuity

### Health & Safety

- Prevent and properly manage incidents and accidents; and provide appropriate medical surveillance
- Ensure process units operate safely & employees observe safety practices
- Report HE&S incidents & take corrective action

### Energy and resources management

- Ensure compliance management with consistent, auditable and integrated processes;
- Covers:
  - Air emissions management,
  - Water discharge management,
  - Waste management,
  - Permit and certificate management





# SAP Sustainability Core Solution Portfolio

## Sustainability reporting and analytics

Strategy  
Management &  
Performance  
Reporting



## Operational risk management

Industrial Hygiene  
& Safety

Incident/Accident  
Management

Risk Assessment

Occupational Health

Hazardous Materials

Plant Maintenance

Work Permit Mgmt

Audit Management



## Energy and Environmental resource management

Plant Permit & Compliance  
Management (e.g.  
Emissions)

Waste and Waste  
Water Management

Energy & Resource  
Management

Advanced  
Metering / Smart  
Grids



## Sustainable supply chain and products

Product Safety

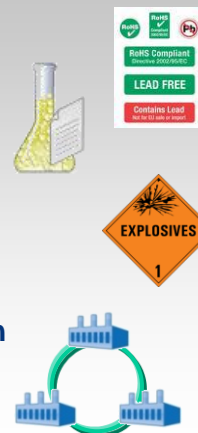
Dangerous Goods

Compliance Documents  
(e.g. MSDS, Labels)

Product Compliance  
Chemical Compliance  
(e.g. REACH Compliance)

Supply Chain Collaboration

Recycling Administration



## Business Process & Data Integration

Design

Source

Produce

Sell

Distribute

Service

Historians,  
Control  
Systems

SCM

Finance

Production

CRM

Transportation

Facilities







***Hvala za vašo pozornost !***

*Vprašanja?*

*Pripombe?*

*Predlogi?*