

Session V: Thematic workshop on UNIDO competencies to support inclusive and sustainable urban/suburban development

UNIDO's Potential to Support Sustainable and Innovative City Development

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UNIDO's mandate: Inclusive and Sustainable Industrial Development



- Advancing Economic Competitiveness
- Creating Shared Prosperity
- Safeguarding the Environment
- Management Priorities for 2016:
 - Circular Economy
 - Green Industry



UNIDO's Technical Service Delivery

Programme Development and Technical Cooperation

Partnerships and Results Monitoring

Agri-Business Development

Trade, Investment and Innovation

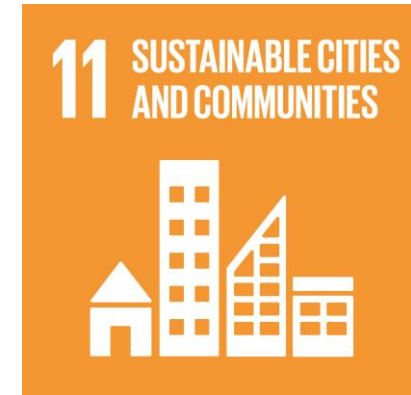
Energy

Environment

Cities and industry

Aspects (examples): Industry for cities is ...

- Employer of inhabitants
- Adding value and paying taxes, fees
- Providing goods and infrastructure
- Creating demand for a range of products and non-public services
- User of public infrastructure, services
- User of public goods, particularly environment



Planning: Key to achieving efficiency

- Integrated development of cities
- Investment
- Clusters
- Innovation
- Transportation





Employment: Efficient Eco-Industrial Parks

Company

- Resource Efficient and Cleaner Production (RECP)
- Low-carbon technology
- Green chemistry
- Renewable energy
- Energy efficiency



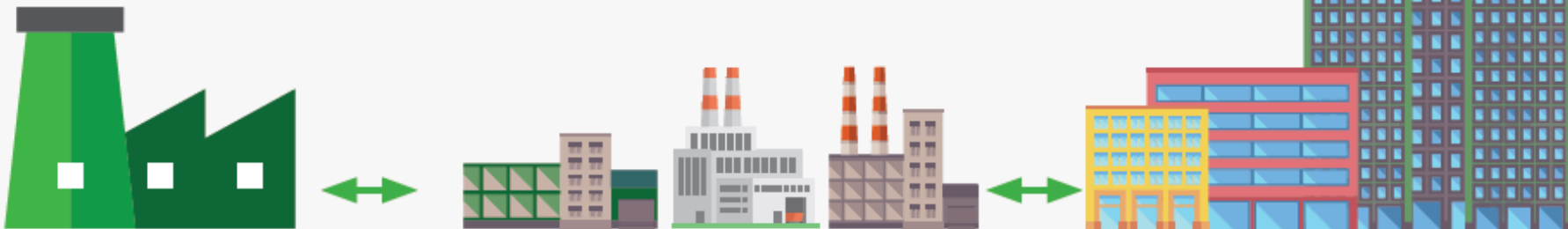
Industrial Park

- Collective resource efficiency solutions and shared:
- Resources
 - Infrastructure
 - Supply
 - Services



Sustainable Cities

- Sustainable symbiosis:
- Waste Management
 - Recycle
 - Corporate Social Responsibility



Infrastructure: Efficient construction

- Application of renewable energy
- Building energy efficiency
- Providing heating/cooling/insulation using effective chemicals
- Cement industry: Increasing energy efficiency, reducing POPs and mercury emissions, transforming waste-to-energy
- Intelligent systems to increase building efficiency
- Separation of construction waste



Construction

Providing goods: Efficient food supply

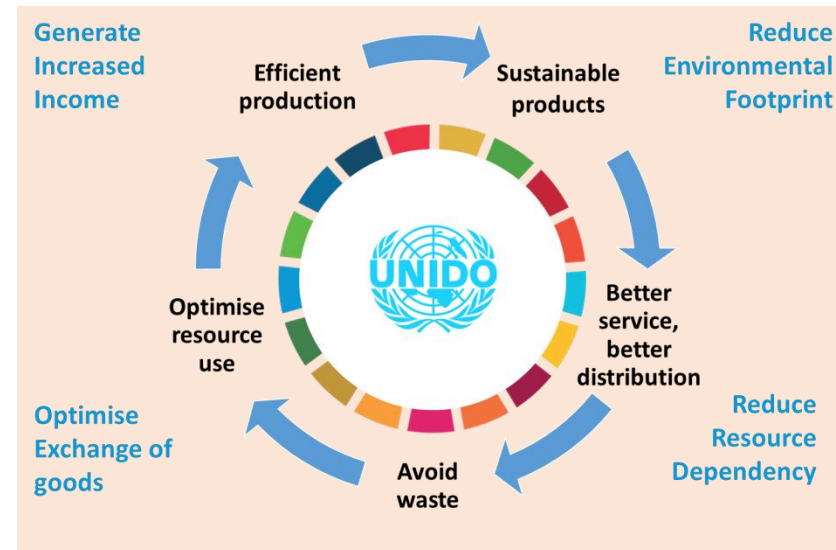
- Needed: Sufficient supply of food to all
- Supply chain efficiency
 - Post-harvest
 - Storage
 - Shipment
 - Food manufacture
 - Transport, sales, cold chain
 - After-sales
 - Nutrition optimization and public health
 - Food safety and food safety standards



Food

Efficiency: Where it leads

- In cities
 - More and better services
 - Less taxes and fees
 - Minimum restrictions
- In industry
 - More and better products
 - Decreased production costs, more profits
 - Increased sales, increased employment, increased taxes
- UNIDO is the specialist in raising efficiencies – in planning, manufacturing, products, environmental performance



From here ...



- UNIDO:
 - A unique partner for government and industry in the sustainable development of urban and sub-urban areas
 - Planning
 - Eco-industrial parks
 - Construction
 - Food
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- With sector-specific specialists in: Agri-Business Development / Trade, Investment and Innovation / Energy / Environment