

Orientation: Main Indicators Report

Orientation towards sustainable development

OR.01 Environment

Sustainable District Logistics (SDL) orients logistics towards:

- Reduction of natural resource consumption (energy, soil, water, fuel, etc.)
- Preserving landscape configuration (density of hard infrastructures, etc.)
- Re-utilisation of products
- Recycling of parts of products, semi-products and wastes
- Pollution prevention and reduction
- Diffusion of new clean technologies, eco-efficient means and modes of transport
- Utilisation of renewable sources of energy

Total area (km ²) year	1727
Total inhabitants year	139.103
Population density (inhabitants/km ²) year	80,5
Agriculture area (%) year	50,6
Urban area (%) year	1,8
Area for transport purposes (%) year	0,1
Area under environmental protection (%) year	0,0
Total residual household waste (tonns) year	31936
Residual household waste per inhabitant (kg/inh.) year	229,58

OR.02 Economy

Sustainable District Logistics (SDL) orients logistics towards efficiency, customer satisfaction and community well-being based on:

- Reduction of the material, energy and transport intensity (flows) in the economy (decoupling) also by means of soft and clean technologies
- Investments for the incorporation and reduction of the environmental and social costs in logistics accounting
- Dematerialisation of economy (durability of goods and services, miniaturisation of products, substitution of products by services)
- Reduction of transport growth and more balanced modal split in favour of rail and water
- Information and Communication Technology to substitute transport (e.g. telecommuting, home-shopping and delivering, teleconferences, teleworking, etc.)

Total GDP year	
Employment in agriculture (%) year	33,26
Employment in industry (%) year	29,93
Employment in services (%) year	36,81
Employment in transport, storage and communication (%) year	5,10
Employment in main cluster 1 (agriculture) (%) year	33,26
Employment in main cluster 2 (agroindustry) (%) year	5,97
Facilities of transport year	674
Employment in transport year	1028
Supporting and auxiliary transport activities: Number of local units year	4
Supporting and auxiliary transport activities; activities of travel agencies: employment year	6
Post and Telecommunications: employment year	10
Wholesale trade and commission trade. Number of local units year	329
Wholesale trade and commission trade. Employment year	1367
Retail trade; repair of personal and household goods. Number of local units year	2067
Retail trade; repair of personal and household goods. Employment year	2745
railways per 1000 inhabitants (km) year	1,71
railways - lines with double and more than double track per 1000 inhabitants (km) year	0,98
Roads and Motorways per 1000 inhabitants (km) year	4,53

Roadsand Motorways per square km (km/km ²) year	0,37
Motorways per 1000 inhabitants (km) year	0,3
Average business size in all economic sectors (employed per local unit) year	2,20
Average business size in main economic sectors: Industry (employed per local unit) year	4,33
Average business size in main economic sectors: Services (employed per local unit) year	1,69
Average business size in transport services (employed per local unit) year	1,50

OR.03 Socio-Culture

Sustainable District Logistics (SDL) orients logistics towards:

- Promotion of sustainable styles of production and consumption
- Investments in human capital (education and training) especially on sustainable development, logistics, transport, etc.
- Transdisciplinarity for integrated management of logistics and integrating planning
- Investments on innovation (Research & Development)

Share of population below 20 years (%) year	25,88
Share of population above 65 years (%) year	13,41
Unemployment rate (%) year	21,20
Activity rate (%) year	54,95
Activity rate women (%) year	40,35
Dependency rate (percentage of below 15 and over 65 over aged people between 15 and 65 years)(%) year	46,50

OR.04 Equity between individuals

Sustainable District Logistics (SDL) orients logistics towards:

- Improvement of accessibility to goods, services, people and places, developing services that meet the needs of local population, including women, the poor, the rural, the disabled, elderly people, immigrants, ethnic minorities, etc. (equal accessibility)
- Balanced local development
- Health and safety activities
- Reduction of unnecessary and undesirable travels, movement and material flows

Activity rate men (%) year	67,59
Activity rate women (%) year	40,35
Unemployment rate men (%) year	16,05
Unemployment rate women (%) year	29,49
Percentage of female with in higher degree (%) year	45,72

OR.05 Equity between territories

Sustainable District Logistics (SDL) orients logistics towards:

- Balanced interlocal development (economic, socio-cultural and environmental)
- Development of fair and solidarity relationships between different local / regional contexts (equal accessibility in trade, economy, socio-culture, environment)
- Balanced alliance between logistics operators of different local areas
- Diffusion of connecting high technology systems (e.g. digital cities, interlocal digital networks)

GDP per inhabitant (Provincial data) (€) year	11538	1999
GDP per inhabitant (EU - 15) (€) year	22.982	2001
Trade balances between regions: export (Provincial data) (€) year	1.726.000.000	2002
Trade balances between regions: import (Provincial data) (€) year	1.458.000.000	2002
Trade balances between regions: export and import (balance) (Provincial data) (€) year	26.000.000	2002
Foreign population (Provincial data) (%) year	1,06	2002

OR.06 Equity between generations

Sustainable District Logistics (SDL) orients logistics towards:

- Research concerning sustainable logistics scenarios, patterns, methods and technologies
- Education to nourish the ability of future generations to conceive new styles of production and consumption
- Conservation and development of environmental resources
- Strategic impact assessment of the logistics patterns (long-term risks and damaging changes) considering the aspects of the other 9 components on the future generations

Share of population below 15 years (%) year	18,3
Share of population above 65 years (%) year	13,4
Dependency rate (percentage of below 15 and over 65 over aged people between 15 and 65 years)(%) year	46,5
Strategic environmental impact assessments carried out (provincial data) year	103
Public debt per inhabitant (regional data) (₺) year	928,15

OR.07 Diversity

Sustainable District Logistics (SDL) orients logistics towards coherence, flexibility, permeability and diffusion of:

- Local identities and fabrics (biodiversity, habitat, socio-cultural heritage, economy vocations, etc.)
- Innovation and development of economic sectors, focused especially on small and medium sized enterprises, income sources both in rural and urban areas, styles of production and consumption (values and ethics)

Share of population with other nationalities: Africans (%) year	25,5
Share of population with other nationalities: Americans (%) year	38,3
Share of population with other nationalities: Asians (%) year	5,9
Share of population with other nationalities: Europeans (%) year	29,9
Diversity of subsectors within the regional transport sector year	14
Diversity of economic subsectors within the regional economy year	130

OR.08 Subsidiarity

Sustainable District Logistics (SDL) orients logistics towards capacity building (knowledge dissemination and decision-making openness) based on:

- Integration of local and wider (global) dimensions (glocacity)
- Reduction of the spatial range of material flows
- Streamlined organisation of material flows
- Integration of top-down and bottom-up approaches in streamlined organisations (businesses, public administrations and other associations)
- Empowerment of local communities

Local authorities budgets (₺) year	75.594.649	2001
Local authorities budgets (all the municipalities of the province) (₺) year	783.832.292	2001
Provincial authority budget (provincial government) (₺) year	439702	2001

OR.09 Networking and Partnership

Sustainable District Logistics (SDL) orients logistics towards:

- Development of regional / local networks of production, distribution and consumption
- Investments in social capital (community glues, intermediary bodies, bridges and networks)
- Networked organisations (e.g. consortia between businesses, co-operation between private, public and social sectors, co-operation between local and metropolitan consortia of transport and logistics)
- Alliances between environmentally friendly transport modes and operators
- Exchange of experiences and good practice of sustainable transport and logistics between different local and regional contexts
- Alliances and collaboration between public authorities and private actors of different local / regional contexts

Total businesses (local units) in all economy sectors year	6109	2001
Total businesses (local units) in industry year	1187	
Total businesses (local units) in services year	4922	
Businesses (local units) in all transport services year	674	2001

OR.10 Participation

Sustainable District Logistics (SDL) orients logistics towards:

- Enlargement of the stakeholders constellation to incorporate in the logistics processes new points of view, cultures, interests and behaviours (e.g. those concerning women, new generations, elderly, disabled, poor people)
- Information, animation and facilitation
- Stakeholders involvement and legitimate acknowledgement in the decision-making processes of spatial planning, transport, logistics, etc.
- Involvement of different agencies (private, public and social) in the management of logistics processes
- Community participatory forms of co-operative management of proximity logistics processes
- Democratic management of the strategic impact assessment of logistics processes

Public awareness campaigns related to the environment (number of projects) | year 494 2002

Comments

Campaing Make your classroom green (provincial data):6 projects, 2002

Campaing Grow with your tree (provincial data):74 schools, 2002

Campaing Take care of your forests (provincial data): 395 actions, 2002

Campaing Environmental schools (provincial data) : 19 schools, 2002