

## UDALMAP: DEFINITION AND CHARACTERISTICS

**UDALMAP** is an integrated territorial information system based in the municipalities of the A.C. of the Basque Country, whose mission is to offer a public service that provides a greater awareness of their socio-economic reality and facilitates decision making by all figures, both public and private, involved in the local and regional growth and development of the country.

It is also the **GIS** Application that supports the dissemination of results from two new statistical operations: “**Sustainability Indicators at Municipal Level in the A.C. of the Basque Country**” and the “**Survey on Municipal Facilities and Infrastructure**”. They are presented and published for the first time in February 2008, and the task of design, calculation and implementation was carried out in collaboration by the Statistics Organisation of the Department of the Treasury and Public Administration of the Basque Government and Euskal Estatistika Erakundea/Instituto Vasco de Estadística/Basque Statistics Office (EUSTAT).

Both statistical operations are regulated, with codes 172514 and 172515 respectively, as part of the 2007 annual statistics programme, passed by Decree 53/2007 on 27 March. Their aim is the construction of a Municipal Information System (SIM), specifically concentrating on **systematically** obtaining a **Panel of Sustainability Indicators**, and a **Panel of Municipal Facilities**, allowing:

- **Greater awareness** of the reality of the municipalities of the A.C. of the Basque Country.
- **Detection** and understanding of the underprivileged and/or deficient areas in terms of facilities and infrastructure.
- Development of a system that allows the **assessment and evaluation** of public policies, aimed at enabling decision making in an assortment of areas related to local and regional growth and development.
- Identify **problem** groups associated with the municipality
- Disseminate the information obtained as a **service** to society in general

This Municipal Information System is based around a series of values:

- **Official Information:** Published as results of official statistics operations, which were included in the 2007 Annual Statistics Programme.
- **Transparency:** The whole extent of the information is made available to users, institutions and general economic agents, both public and private.

- **Thoroughness:** Maximum harmonisation, rationalisation and systemisation of the municipal indicators incorporated into the development of the operation with other existing ones, guaranteeing the inclusion of municipal information at all times
- **Co-participation:** Bodies from the Basque Statistics Organisation (Statistics Body of the Department of the Treasury, EUSTAT), Departments of the Basque Government, Town and Provincial Councils and other organisations participate in its maintenance
- **Updated:** information is permanently updated

The development of a system of indicators is of paramount importance, allowing decision-making by all agents, whether public or private, to be supported and monitored permanently and consistently, since:

- It forms a key instrument in the arrangement of a **Basque Model for Regional Development**
- It transfers the proposals of the **Lisbon Strategy** to a local context, structured around the three axes defined therein: Economy-Competitiveness, Social cohesion-Quality of Living and Environment.
- It is designed as an **interactive** system of information between users and the dissemination application. It enables the visualisation and analysis of heterogeneous data through its representation in thematic maps.
- It is an **Integrated** system for the policy of sustainable local development
- It fosters the **participation** of other figures from the Public Administration as actors in the development of the project and as providers of base information
- It provides a direct **public service** to society as a whole, offering relevant and accessible information to everyone.

## UDALMAP: CONTENT AND STRUCTURE

### 1.- PANEL OF MUNICIPAL SUSTAINABILITY INDICATORS: STRUCTURE

Initially (it is open to extension with new information) it is made up of **144 indicators for each of the 251 municipalities** selected in accordance with the following criteria:

- They are **clearly** interpreted
- They come from **consolidated statistics**
- They are **quantifiable and comparable** to those obtained in other territorial contexts (external comparability)
- They are subject to **constant review**, in order to obtain a certain balance between the dimensions that they represent and so that each one is coherent in itself
- They are **transparent** and **easily accessible** for users

It consists of a three-level pyramid structure in order to facilitate the use and visualisation of the indicators: **Axes, Areas** and **Indicators**:

#### AXES

| Axes (3)                            | Areas                   |
|-------------------------------------|-------------------------|
| Economy – Competitiveness           | 8                       |
| Social Cohesion – Quality of Living | 8                       |
| Environment                         | 6                       |
|                                     | Total Areas (22)        |
|                                     | <b>INDICATORS (144)</b> |

## AREAS

For each of the three axes a set of areas is established:

| Axis                             | Areas   |
|----------------------------------|---|
| <b>Economy - competitiveness</b> | <ul style="list-style-type: none"><li>• Economic Structure</li><li>• Labour market</li><li>• Business network</li><li>• Economic dynamism</li><li>• Economic resources of the population</li><li>• Tourist and commercial vitality</li><li>• Training</li><li>• Municipal economic-financial management</li></ul> |

| Axis                                     | Areas   |
|--|---|
| <b>Social Cohesion - Quality of Life</b> | <ul style="list-style-type: none"><li>• Demography</li><li>• Natural movement of the population and migrations</li><li>• Housing</li><li>• Urbanisation</li><li>• Social welfare</li><li>• Basic infrastructures</li><li>• Facilities for collective use</li><li>• Citizen safety</li></ul> |

| Axis               | Areas   |
|--------------------|---|
| <b>Environment</b> | <ul style="list-style-type: none"><li>• Waste</li><li>• Water</li><li>• Energy</li><li>• Environmental Awareness</li><li>• Transport and mobility</li><li>• Green zones and protected areas</li></ul> |

## INDICATORS

### Detailed Panel of Municipal Sustainability Indicators: Structure and classification according to axes and areas.

#### PANEL OF INDICATORS

##### ECONOMY / COMPETITIVENESS

###### *Economic structure*

- 1 Gross Value Added of the farming and fishing sector (%)
- 2 Population aged 16 and over employed in the farming and fishing sector (%)
- 3 Gross Value Added of the industry sector (%)
- 4 Population aged 16 and over employed in the industry sector (%)
- 5 Gross Value Added of the construction sector (%)
- 6 Population aged 16 and over employed in the construction sector (%)
- 7 Gross Value Added of the services sector (%)
- 8 Population aged 16 and over employed in the services sector (%)

###### *Labour Market*

- 9 Activity rate of the population aged 16 and over (%)
- 10 Activity rate of the female population aged 16 and over (%)
- 11 Activity rate of the male population aged 16 and over (%)
- 12 Employment rate of the population aged 16 to 64 (%)
- 13 Employment rate of the population aged 55 to 64 (%)
- 14 Employment rate of the female population aged 16 to 64 (%)
- 15 Employment rate of the male population aged 16 to 64 (%)
- 16 Youth employment rate of the population aged 16 to 24 (%)
- 17 Social Security affiliation rate (‰ inhabitants aged 16 and over)
- 18 Employment rate: gender gap (p.p.)
- 19 Registered unemployment rate of the population aged 16 to 64
- 20 Long-term registered unemployment rate of the population aged 16 to 64
- 21 Registered unemployment rate of the population aged 45 and over
- 22 Contract rotation index (contracts/people)
- 23 Female contract rotation index (contracts/women)
- 24 Male contract rotation index (contracts/men)

###### *Business Network*

- 25 Employment generated by micro-companies (0-9 employees) (%)
- 26 Average size of industrial establishments (n° of employees)
- 27 Percentage of establishments from the industry sector out of the total (%)
- 28 Percentage of establishments from the construction sector out of the total (%)
- 29 Percentage of establishments from the services sector out of the total (%)

###### *Economic Dynamism*

- 30 Per capita GDP
- 31 Annual accumulated growth rate of GDP in the last five years (%)
- 32 Contracts registered during the year (‰ inhabitants)
- 33 Percentage of permanent contracts registered during the year out of the total (%)
- 34 Population contracted during the year (‰ inhabitants)
- 35 Permanent contracts registered during the year: women (% total permanent contracts)
- 36 Permanent contracts registered during the year: aged under 30 (% total permanent contracts)
- 37 Permanent contracts registered during the year: population aged 45 and over (% total permanent contracts)
- 38 Inter-annual variation in employment figures (%)
- 39 Net balance of establishments (‰ inhabitants)
- 40 Rate of creation of new establishments (‰ inhabitants)

###### *Economic resources of the Population*

- 41 Per capita Gross Income (€)
- 42 Disposable personal income (€)
- 43 Average annual accumulated growth rate in personal income between 1997 and 2001
- 44 Percentage of personal income derived from work (%)
- 45 Average annual accumulated growth rate in personal income between 2001 and 2003
- 46 Cohabiting beneficiary units of Basic Income (‰ inhabitants)
- 47 Cohabiting beneficiary units of Social Emergency Aid (‰ inhabitants)
- 48 Beneficiaries of non-contributory pensions (‰ inhabitants)

### **Tourist vitality of the population**

- 49 Places for tourist accommodation (‰ inhabitants)
- 50 Hotel and catering establishments (‰ inhabitants)
- 51 Retail trade density (‰ inhabitants)
- 52 Retail trade surface area (‰ inhabitants)
- 53 Trade density for occasional goods (‰ inhabitants)

### **Training**

- 54 Population aged 25 to 64 to have passed at least secondary education (%)
- 55 Population aged 20 to 24 to have passed at least secondary education (%)
- 56 Population aged 18 to 64 to have finished university studies (%)

### **Municipal economic and financial management**

- 57 Liquidated Town Council expenditure per inhabitant (€)
- 58 Taxes collected by the Town Council per inhabitant (€)
- 59 Outstanding Town Council debt per inhabitant (€)
- 60 Net investment by the Town Council per inhabitant (€)

## **SOCIAL COHESION / QUALITY OF LIVING**

### **Demography**

- 61 Inter-annual variation of the population (%)
- 62 Population variation over the last decade (%)
- 63 Childhood index: Population aged 0-14 (%)
- 64 Aging index: Population aged 65 and over (%)
- 65 Over-aging index: Population aged 75 and over (%)
- 66 Demographic dependency index (%)

### **Natural movement of the population and migrations**

- 67 Gross birth rate (‰)
- 68 Natural growth rate of population (‰)
- 69 External migratory balance (‰)
- 70 Foreign population (%)
- 71 Foreign population from outside the EU-15 (%)
- 72 Foreign population from outside the EU-25 (%)

### **Housing**

- 73 Density of housing on residential land (Dwellings/Ha.)
- 74 Unoccupied family dwellings (%)
- 75 Family dwellings over 50 years old (%)
- 76 Comfort index of main family dwellings
- 77 Main family dwellings in buildings in a dilapidated, run-down or poor state (%)
- 78 Applications for housing registered with Etxebide (‰ inhabitants)
- 79 Coverage of need for subsidised housing (VPO) in the last five years (% applications)
- 80 Subsidised housing (VPO) adjudicated by Etxebide in the last five years (‰ inhabitants)
- 81 New housing permits awarded in the last five years (‰ inhabitants)
- 82 Subsidised housing (VPO) completed in the last five years (‰ inhabitants)

### **Urbanisation**

- 83 Urban land (%)
- 84 Residential surface area for urbanisation (%)
- 85 Population density (inhab./Km<sup>2</sup>)
- 86 Accessible municipal facilities and buildings (%)
- 87 Housing buildings with 2 or more floors without a lift (%)

### **Social welfare**

- 88 Per capita current municipal expenditure on Social services (€)
- 89 Total per capita expenditure on Social services (€)
- 90 Degree of occupancy of day centres (Elderly and disabled people) (%)
- 91 Degree of occupancy of residential centres (Elderly and disabled people) (%)

### **Basic Infrastructure**

- 92 Performance index of water supply system (%)
- 93 Points of public lighting (‰ inhabitants)
- 94 Main Family dwellings with piped gas installation (%)

### **Facilities for collective use**

- 95 Units of infant education per 100 inhabitants aged 0 to 2
- 96 Volumes of public access libraries per inhabitant
- 97 Number of cinema screens
- 98 Capacity of cinemas (seats per ‰ inhabitants)
- 99 Number of chemists (‰ inhabitants)
- 100 Places in day centres for the elderly (‰ inhabitants aged 65 and over)
- 101 Places in residential centres for the elderly (‰ inhabitants aged 65 and over)
- 102 Places in day centres for the disabled (‰ inhabitants)
- 103 Places in residential centres for the disabled (‰ inhabitants)

- 104 Public playgrounds for children (‰ inhabitants aged 2 to 12)
- 105 Number of banks per 10,000 inhabitants
- 106 Number of Post Offices per 10,000 inhabitants
- 107 Number of petrol stations per 10,000 inhabitants
- 108 Number of public toilets per 10,000 inhabitants
- 109 Number of public telephones per 10,000 inhabitants
- 110 Average journey time to reference hospital (minutes)

#### **Citizen safety**

- 111 Local police force (‰ inhabitants)
- 112 Crime rate (‰ inhabitants)
- 113 Traffic accidents registered in the municipality by the Ertzaintza (Police) (‰ inhabitants)
- 114 Pedestrians run down registered in the municipality by the Ertzaintza (Police) (‰ inhabitants)

### **ENVIRONMENT**

#### **Waste**

- 115 Generation of urban waste per inhabitant and day (kg./inhab./day)
- 116 Generation of hazardous waste (kg./ inhab./day)
- 117 Containers for the collection of household waste ( ‰ inhabitants )
- 118 Containers for the collection of glass ( ‰ inhabitants)
- 119 Containers for the collection of paper ( ‰ inhabitants)
- 120 Containers for the collection of packaging and plastics ( ‰ inhabitants)
- 121 Containers for the collection of batteries ( ‰ inhabitants)
- 122 Containers for the collection of clothes/textiles ( ‰ inhabitants)
- 123 Potentially polluted land (%)

#### **Water**

- 124 Total demand for water per inhabitant and day (litres/inhab./day)
- 125 Industrial demand for water per inhabitant and day (litres/inhab./day)
- 126 Health rating of water for consumption

#### **Energy**

- 127 Photovoltaic capacity installed (kw / 10,000 inhabitants)
- 128 Wind power capacity installed (Kw. / 10,000 inhabitants)
- 129 Hydraulic power capacity installed (Kw. / 10,000 inhabitants)
- 130 Area of solar thermal energy installed (m<sup>2</sup> / 10,000 inhabitants)

#### **Environmental awareness**

- 131 Environmentally accredited establishments (%)
- 132 Dwellings with energy efficiency certificate (CADEM) (‰ )

#### **Transport and mobility**

- 133 Surface area devoted to transport (%)
- 134 Surface area devoted to roads (%)
- 135 Network of cycle lanes and paths (km./10,000 inhabitants)
- 136 Employed population aged 16 and over working outside municipality of residence (%)
- 137 Student population aged 16 and over studying outside municipality of residence (%)
- 138 Vehicle pool (vehicles/inhabitant)
- 139 Taxi licences (‰ inhabitants)
- 140 Accessibility of municipality
- 141 Average journey time to the other municipalities of the A.C. of the Basque Country (minutes)

#### **Green Zones and protected areas**

- 142 Surface area occupied by parks, gardens and urban green zones (% urban land)
- 143 Surface area occupied by parks, gardens and urban green zones (m<sup>2</sup>/person)
- 144 Municipal surface area under special protection (%)

## 2.- PANEL OF MUNICIPAL SUSTAINABILITY INDICATORS: STRUCTURE

### Panel of Municipal Facilities and Infrastructure : Structure.

According to the type of facilities covered in the layers of facilities that currently exist, five categories or sub-panels that embrace them all have been established.

| Sub-panel   | Facilities  |
|---|---|
| Educational Facilities  | <ul style="list-style-type: none"> <li>• <i>Universities</i></li> <li>• <i>Education centres</i></li> </ul>   |
| Social Services Facilities  | <ul style="list-style-type: none"> <li>• <i>Residential and Day centres, Occupational Centres, Sheltered housing, Orientation Centres, Private Nurseries, etc.</i></li> </ul> |
| Health Facilities   | <ul style="list-style-type: none"> <li>• <i>Hospitals, Clinics, Health Centres, Pharmacies, Surgeries, etc.</i></li> </ul>  |
| Cultural Facilities   | <ul style="list-style-type: none"> <li>• <i>Museums, Libraries, Archives, Theatres, Exhibition Halls, Euskaltegis, KZguneak, etc.</i></li> </ul>                              |
| Transport   | <ul style="list-style-type: none"> <li>• <i>Train stations, Metro Stations, Airports, Petrol Stations, etc.</i></li> </ul>  |
| Institutions  | <ul style="list-style-type: none"> <li>• <i>Town Councils, Fire Stations, Tourist Offices, Information Offices</i></li> </ul>   |
| Other Facilities and Services for the quality of living in the municipalities | <ul style="list-style-type: none"> <li>• <i>Rural broadband transmitters, DTT transmitters, Beaches, etc.</i></li> </ul>  |

**Panel of Municipal Facilities and Infrastructure, Structure: Detailed Sub-panels according to type of facility.**

**PANEL OF FACILITIES****EDUCATION**

- 1 *Universities*
- 2 *Non-university education centres*

**SOCIAL SERVICES**

- 3 *Elderly: Day care centres*
- 4 *Elderly: Associations, Institutions and private services*
- 5 *Elderly: Centres with board and lodging*
- 6 *Programmes and public services (prevention, care, evaluation, etc.)*
- 7 *Family, marginalisation and others: Day centres*
- 8 *Family, marginalisation and others: Associations, Institutions and Private services*
- 9 *Disabled: Day care centres*
- 10 *Disabled: Associations, Institutions and Private services*
- 11 *Disabled: Centres with board and lodging*
- 12 *Elderly: Day centres*
- 13 *Disabled: Occupational and special employment centres*
- 14 *Disabled: Day centres*
- 15 *Basic Social Services*
- 16 *Private nurseries*

**HEALTH**

- 17 *Clinics, Health Centres and Surgeries*
- 18 *Pharmacies*
- 19 *Hospitals*

**CULTURE**

- 20 *Offices and points of youth information*
- 21 *Premises for young people*
- 22 *Youth hostels*
- 23 *Libraries*
- 24 *Museums*
- 25 *Euskaltegis: Centres teaching Basque language*
- 26 *Kzguneak: Centres offering free courses and Internet browsing*
- 27 *Exhibition halls and art galleries*
- 28 *Theatres*
- 29 *Archives*

**TRANSPORT**

- 30 *Train stations*
- 31 *Airports*
- 32 *Metro stations*
- 33 *Petrol stations*

**INSTITUTIONS**

- 34 *Town Councils*
- 35 *Fire Stations*
- 36 *Tourist Offices*
- 37 *Municipal consumer information offices*

**OTHERS**

- 38 *Rural broadband transmitters*
- 39 *ATV transmitters (analogical television)*
- 40 *Beaches*
- 41 *DTT transmitters (Digital terrestrial television)*