



Arial photo (2003)  
Groningen Eelde  
Airport

1:20.000

# **GRONINGEN AIRPORT EELDE**

# GRQ - GRONINGEN AIRPORT EELDE

**AIRPORT-ORGANIZATION**

|                      |                                                                                                                     |  |                        |
|----------------------|---------------------------------------------------------------------------------------------------------------------|--|------------------------|
| Name / Address       | Groningen Airport, Eelde Machlaan 14A,NL-9761 TK Eelde, Netherlands                                                 |  |                        |
| Website              | www.gae.nl                                                                                                          |  |                        |
| IATA / ICAO code     | GRQ / EHGG                                                                                                          |  |                        |
| Position (LAT/LONG)  | 53°07´30"N / 006°35´00"E                                                                                            |  |                        |
| Opening hours        | Mon-Fri 05:30-22:00 hrs, Sat Sun Hol 06:30-20:30 hrs                                                                |  |                        |
| (Noise) restrictions | -                                                                                                                   |  |                        |
| Ownership            | Groningen Airport Eelde N.V.                                                                                        |  |                        |
| Operator             | Groningen Airport Eelde N.V.                                                                                        |  |                        |
| (civil) users        | KLM Flight Academy, NAM / General aviation                                                                          |  |                        |
| License              | Article 33 Air traffic law, 15-05-2001                                                                              |  |                        |
| Shareholders         | Provincie Groningen-30%                                                                                             |  | Gemeente Groningen-26% |
|                      | Provincie Drenthe-30%                                                                                               |  | Gemeente Assen-10%     |
|                      |                                                                                                                     |  | Gemeente Tynaarlo-4%   |
| Comments:            | A new license (noise and nighttraffic) is planned for end 2004, including permission for extension runway to 2500m. |  |                        |

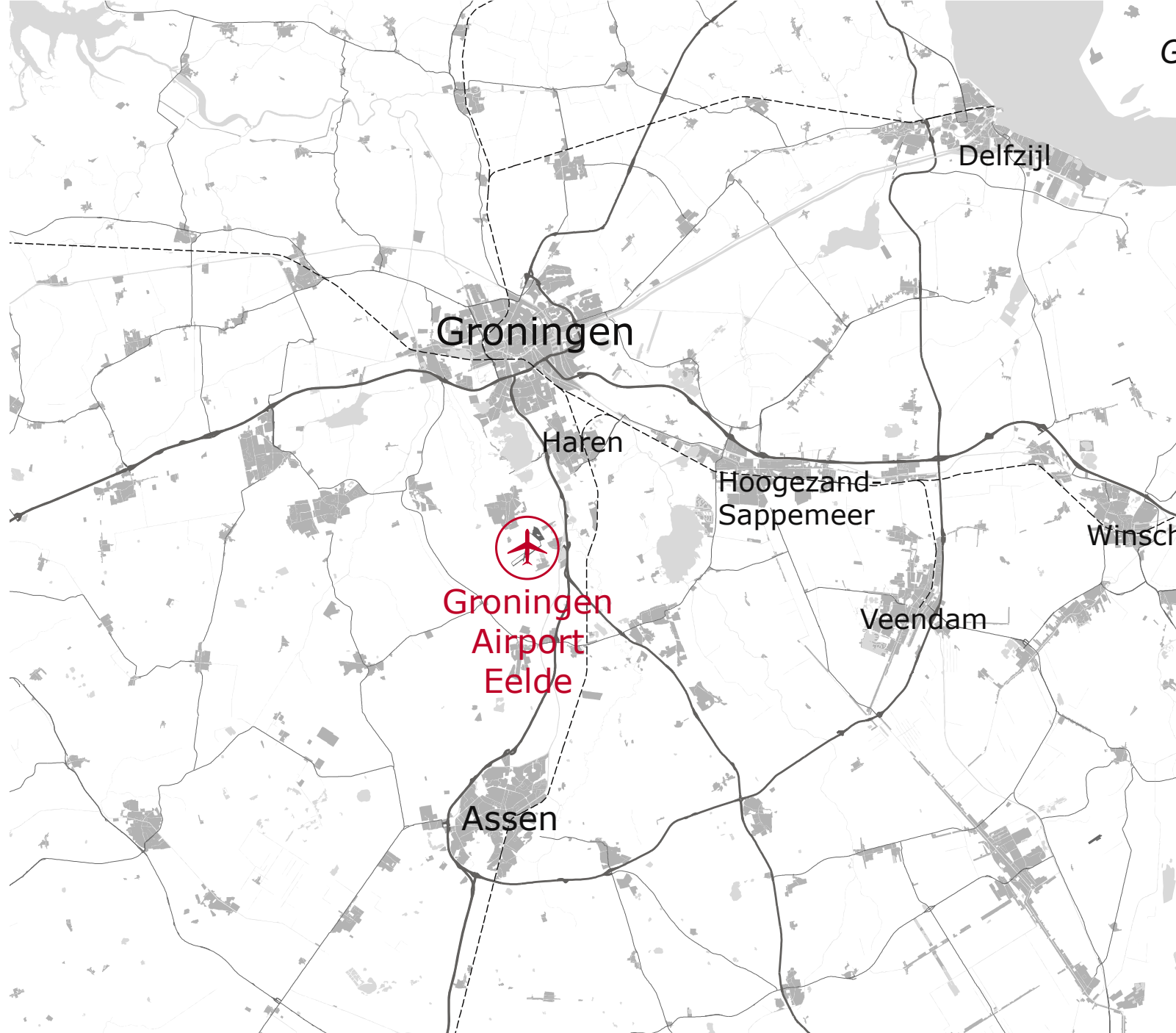
**FINANCE** (x €1.000,-, 2003)

|                        |       |                          |       |
|------------------------|-------|--------------------------|-------|
| Company results:       | 4.053 | Company costs:           | 5.582 |
| -Airport charges       | 2.048 | -Salaries & social costs | 2.904 |
| -Rentals & concessions | 1.678 |                          |       |
| -Others                | 327   | Investments:             | 180   |

**REGION**

|                          |                                          |             |                     |               |                              |
|--------------------------|------------------------------------------|-------------|---------------------|---------------|------------------------------|
| Regional profile         | Groningen                                |             |                     |               |                              |
| Nearest city             | Groningen                                |             |                     |               |                              |
|                          | -Population (x 1.000): 179,2             |             |                     |               |                              |
| -Potential market area   | 1hr by car                               | 2hrs by car | 1hr by train        | 2hrs by train | weighted with distance decay |
| (2004, x 1 million pax): | 2,3                                      | 13,2        | 0,9                 | 2,9           | 4,9                          |
| Business (areas):        | Eelde Plaza: 26 companies                |             |                     |               |                              |
| Employment (2003)*:      | *(Source, Groningen Airport Eelde, 2004) |             |                     |               |                              |
| -Employed direct:        | 44 (Eelde Plaza: 230)                    |             | -Employed indirect: |               | 315                          |

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

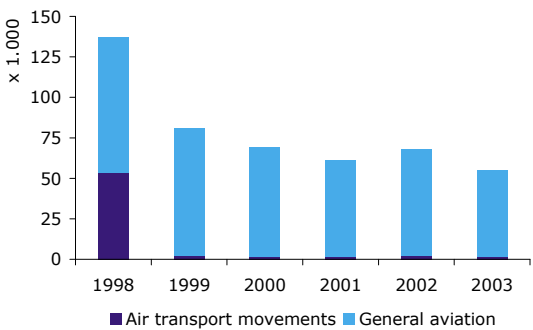


Groningen region

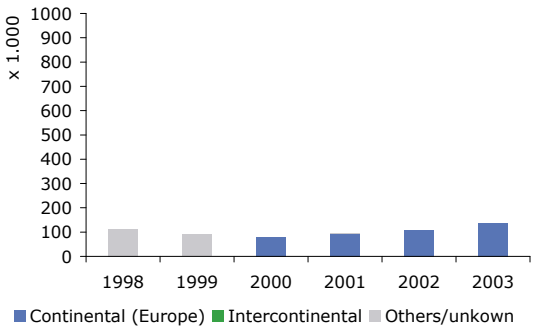
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# GRQ - AIR TRAFFIC

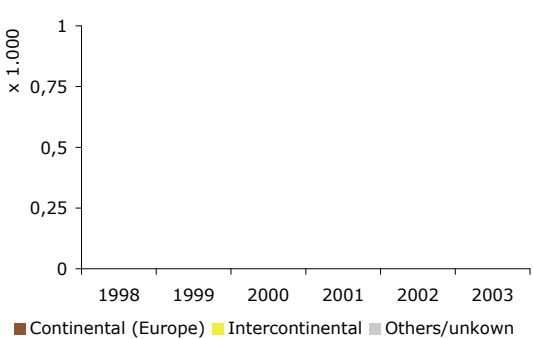
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metric tons) 1998-2003



## CONNECTIVITY (summer 2004)

|                    |   |
|--------------------|---|
| Destinations:      | 9 |
| -Scheduled flights | 1 |
| -Holiday flights   | 8 |
| Airlines:          | 1 |
| -Charters          | 6 |

## AIR TRAFFIC (statistics 2003, x 1.000)

|                          |      |                  |
|--------------------------|------|------------------|
| Aircraft movements       | 2003 | compared to 2002 |
| -Air transport movements | 54,9 | -19,0%           |
| -General aviation        | 1,7  | -23,3%           |
|                          | 53,2 | -18,9%           |

## Passenger transport (excl. transit-direct)\*

|                       |       |                  |
|-----------------------|-------|------------------|
| Origins/departures:   | 2003  | compared to 2002 |
| -Continental (Europe) | 137,6 | 28,0%            |
| -Intercontinental     | 0     | -                |
| -Others/unkown        | 0     | -                |

\*Comments:

In 2003 Ryanair started flights to London Stansted and stopped in May 2004.

## Freight transport (metric tons)

|                       |      |                  |
|-----------------------|------|------------------|
| Origins/departures:   | 2003 | compared to 2002 |
| -Continental (Europe) | 0    | -                |
| -Intercontinental     |      |                  |
| -Others/unkown        |      |                  |

## Mail transport (metric tons)

|  |      |                  |
|--|------|------------------|
|  | 2003 | compared to 2002 |
|  | 0    | -                |

(Source: CBS, 2004)

- Scheduled flights
- Charter flights

European destinations  
from Groningen Airport  
Eelde (summer 2004)

1:25.000.000



# GRQ - AIRPORT-SITE

## AIRPORT-INFRASTRUCTURE

|                         |                                                |                                  |
|-------------------------|------------------------------------------------|----------------------------------|
| Size                    | 180 ha                                         |                                  |
| Runways:                | 2                                              | -Longest length runway: 1.800m   |
| -Runway 1               | Heading 05/23, 1.800m, Aircraft size max: B767 |                                  |
| -Runway 2               | Heading 01/19, 1.500m                          |                                  |
| Apron (aircraft stands) | -                                              |                                  |
| Cargo terminal:         | -                                              | -Capacity cargo (tons): -        |
| Passenger terminal:     | 1                                              | -Capacity passengers (annual): - |
| -AirportCity            | No                                             |                                  |

## ACCESSIBILITY

|                              |                 |         |                    |             |                  |
|------------------------------|-----------------|---------|--------------------|-------------|------------------|
|                              | -Train link: No |         | -Bus: Airportliner |             | Groningen (16km) |
| Modal split:                 | Rail            | Bus     | Taxi               | Private car | Others           |
|                              | -               | -       | -                  | -           | -                |
| Parking area (spaces):       | 750             |         |                    |             |                  |
| -Parking fees (euros, 2004): | 1 hr            | 1 day   | 7 days             |             |                  |
| --short term                 | € 1,80          |         |                    |             |                  |
| --long term                  |                 | € 15,00 | € 34,00            |             |                  |

## PLANNED AIRPORT DEVELOPMENT

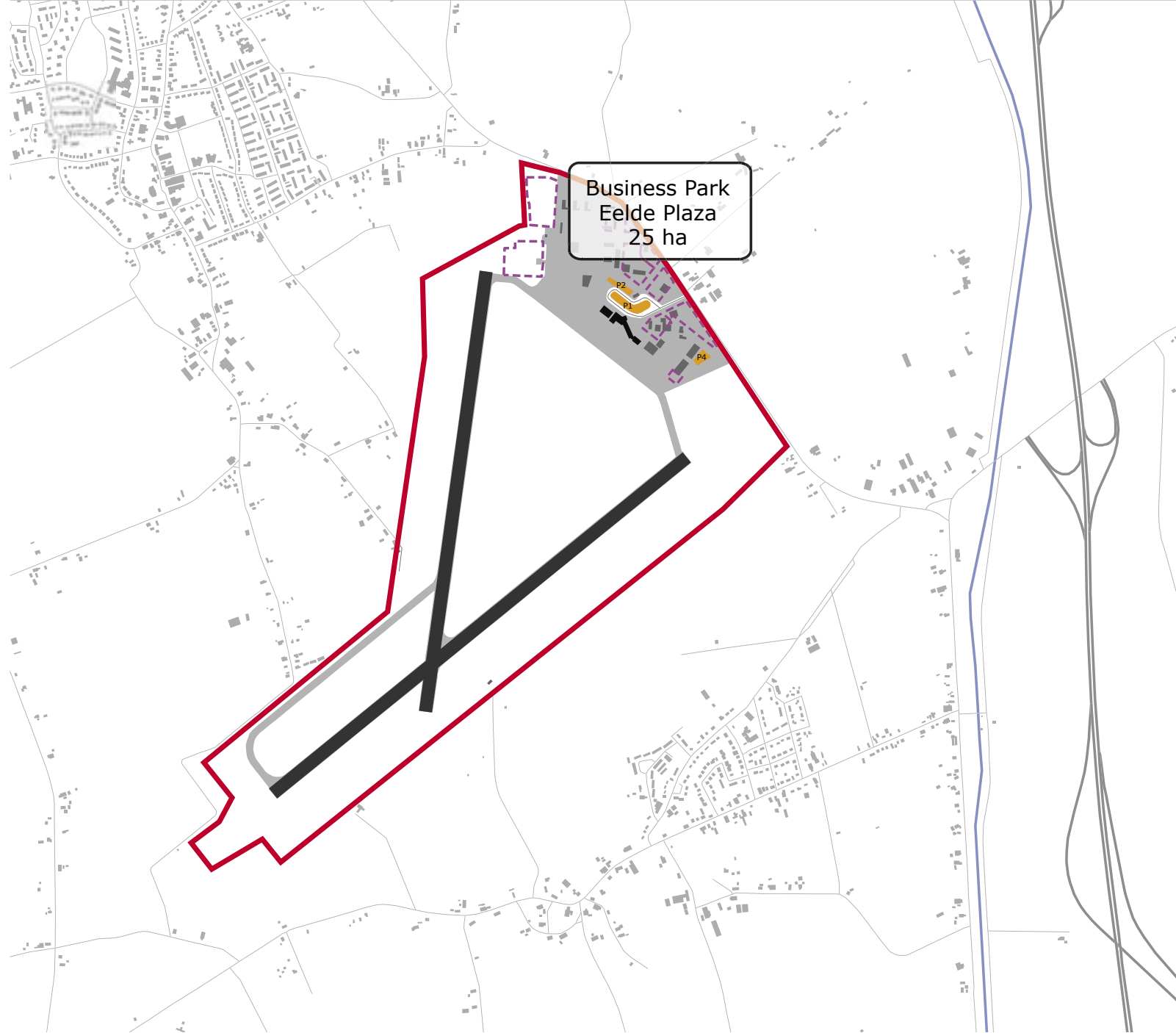
(Source: Groningen Airport Eelde, 2004)

|                           |                       |                  |          |
|---------------------------|-----------------------|------------------|----------|
| -Projects:                | -Additional capacity: | -Year operation: | -Status: |
| New fire equipment        | Others                | 2005             | Actual   |
| Extension runway to 2500m | Runway                | 2006             | Planned  |

- Airport area
- New business area
- New residential area
- New recreation area

Groningen Airport  
Eelde area and  
surrounding

1:18.750



# GRQ - ENVIRONMENT

|                                           |                                                                                                                            |                                                                                                                                    |                                            |                                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|
| <b>NOISE</b>                              |                                                                                                                            | 2003                                                                                                                               | compared to 2002                           |                                |
| Noise complaints                          |                                                                                                                            | 1.059                                                                                                                              | -40,8%                                     | 1789                           |
| Noise complainers                         |                                                                                                                            | 81                                                                                                                                 | -49,0%                                     | 159                            |
| -Total complaints by 2 persons            |                                                                                                                            | 859 (81%)                                                                                                                          |                                            |                                |
| <b>Type of noise:</b>                     |                                                                                                                            | 2003                                                                                                                               |                                            |                                |
| Civil (holiday) air traffic               |                                                                                                                            | 11                                                                                                                                 |                                            |                                |
| Military air traffic                      |                                                                                                                            | 6                                                                                                                                  |                                            |                                |
| Non-commercial (instruction) traffic      |                                                                                                                            | 467                                                                                                                                |                                            |                                |
| Non-commercial (ambulance) traffic        |                                                                                                                            | 15                                                                                                                                 |                                            |                                |
| Not from airport GAE                      |                                                                                                                            | 29                                                                                                                                 |                                            |                                |
| Other traffic                             |                                                                                                                            | 63                                                                                                                                 |                                            |                                |
| Unknown/to little information             |                                                                                                                            | 355                                                                                                                                |                                            |                                |
| None                                      |                                                                                                                            | 113                                                                                                                                |                                            |                                |
| <b>Noise complaints area</b> (selection): |                                                                                                                            | 2003                                                                                                                               | compared to 2002                           |                                |
| Slochteren                                |                                                                                                                            | 495                                                                                                                                | 426                                        | (422)*                         |
| Haren                                     |                                                                                                                            | 377                                                                                                                                | 511                                        | (495)*                         |
| Norg                                      |                                                                                                                            | 42                                                                                                                                 | 23                                         | * (complaints by 2 x 1 person) |
| Glimmen                                   |                                                                                                                            | 30                                                                                                                                 | 464                                        |                                |
| Noordbroek                                |                                                                                                                            | 23                                                                                                                                 | 18                                         |                                |
| Donderen                                  |                                                                                                                            | 14                                                                                                                                 | 35                                         |                                |
| Eelde                                     |                                                                                                                            | 12                                                                                                                                 | 102                                        |                                |
| Groningen                                 |                                                                                                                            | 10                                                                                                                                 | 17                                         | (Source: CM Eelde, 2004)       |
| <b>DEVELOPMENT REGION</b>                 |                                                                                                                            | -Sites (selection):                                                                                                                | -Plan (organization):                      | -Period:                       |
| Residential area                          | Ter Borch, Langestreeken, Rhoden, Norg                                                                                     | Development plan Art.11 (Gem.Tynaarlo), (Gem.Noordenveld)                                                                          | 2002/2003, > 2015                          |                                |
| Business area                             | area business Airport & Vriezenbrug, industry Hoogezand/Sappermeer, Meerstad Groningen, Europapark & Eemspoort & Westpoort | (Gem.Tynaarlo), Toekomstvisie 2010 (Gem.Hoogezand-Sappermeer), Plan (Gem. Groningen/Slochteren), Development plan (Gem. Groningen) | ?/2002, 2002-2010, 2006-2020, 2005-2008/15 |                                |
| Infrastructure                            | (Magneetzwefbaan -in study)                                                                                                | (Min.V&W)                                                                                                                          |                                            |                                |
| Nature                                    | Peize, Drenthse Aa, Haren                                                                                                  | EHS/Vogelrichtlijn (Min.LNV/DLG)                                                                                                   | 2000-2020                                  |                                |

-  Airport area
-  Noise contours
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water
-  Bird sanctuary

## Groningen Airport and surrounding developments

1:75.000

