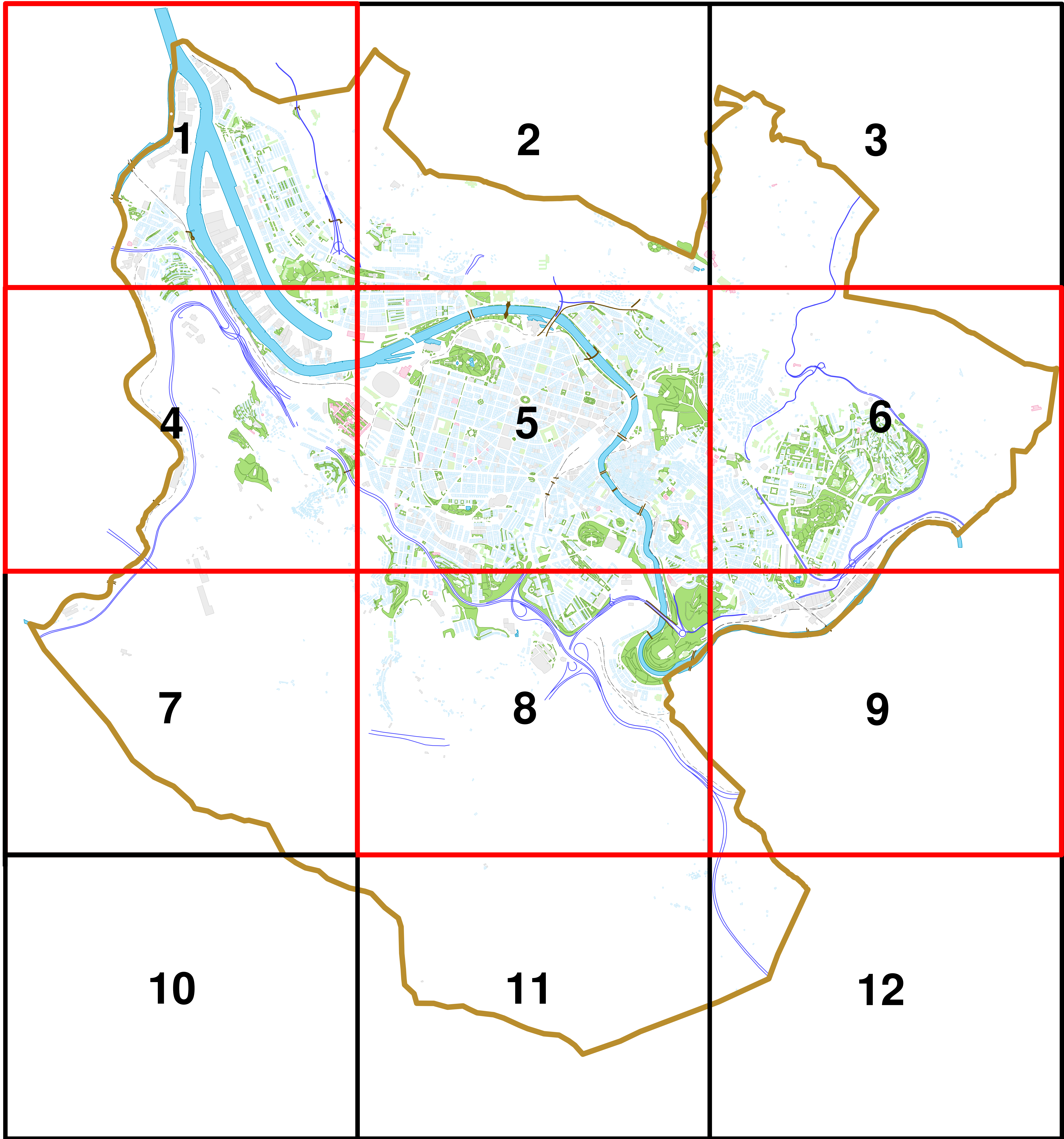
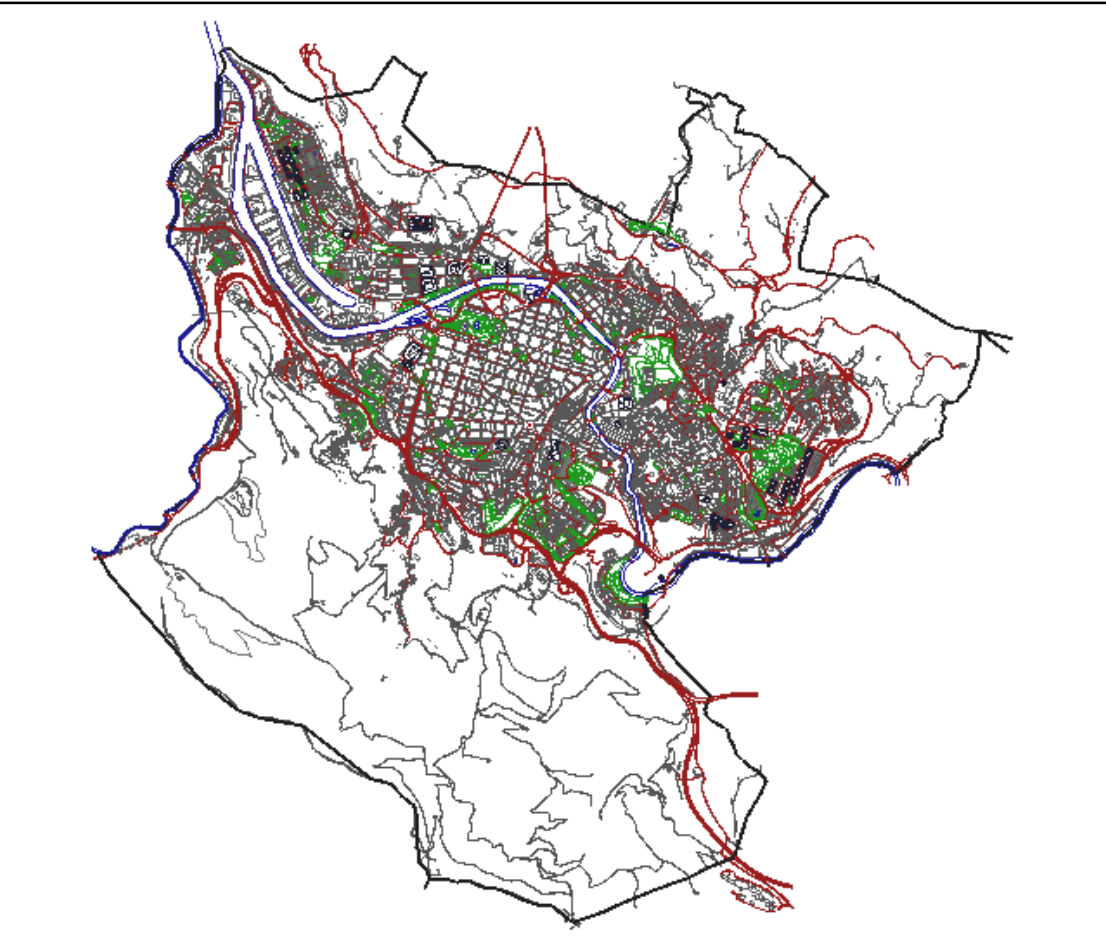




| BALORE-MAILAK<br>RANGOS (dBA ) | ERAGINPEAN BIZTANLERIA (ehunka)<br>POBLACIÓN EXPUESTA (en centenas)<br>ITURRIA: TRENBIDEETAKO TRAFIKOA    FOCO: TRÁFICO FERROVIARIO |    |    |      |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----|----|------|
|                                | Ld                                                                                                                                  | Le | Ln | Lden |
| 50-54                          |                                                                                                                                     |    | 4  |      |
| 55-59                          | 26                                                                                                                                  | 6  | 2  | 12   |
| 60-64                          | 5                                                                                                                                   | 4  | 2  | 3    |
| 65-69                          | 0                                                                                                                                   | 0  | 0  | 3    |
| 70-74                          | 0                                                                                                                                   | 0  | 0  | 0    |
| >75                            | 0                                                                                                                                   | 0  | 0  | 0    |

| BALORE-MAILAK<br>RANGOS (dBA ) | ERAGINPEAN BIZTANLERIA (ehunka)<br>POBLACIÓN EXPUESTA (en centenas)<br>ITURRIA: TRENBIDEETAKO TRAFIKOA    FOCO: TRÁFICO FERROVIARIO<br>TRENBIDE-ARDATZ NAGUSIAK    GRANDES EJES FERROVIARIOS |    |    |      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|------|
|                                | Ld                                                                                                                                                                                           | Le | Ln | Lden |
| 50-54                          |                                                                                                                                                                                              |    | 2  |      |
| 55-59                          | 3                                                                                                                                                                                            | 3  | 2  | 5    |
| 60-64                          | 3                                                                                                                                                                                            | 3  | 2  | 2    |
| 65-69                          | 0                                                                                                                                                                                            | 0  | 0  | 3    |
| 70-74                          | 0                                                                                                                                                                                            | 0  | 0  | 0    |
| >75                            | 0                                                                                                                                                                                            | 0  | 0  | 0    |



INGURUMENKO ZUZENDARIORDETZA  
SUBDIRECCION DE MEDIO AMBIENTE

INGURUMENAREN KONTROLERAKO NEGOZIATUA  
NEGOCIADO DE CONTROL MEDIOAMBIENTAL

## ZARATAREN MAPA ESTRATEGIKOA - 2.017

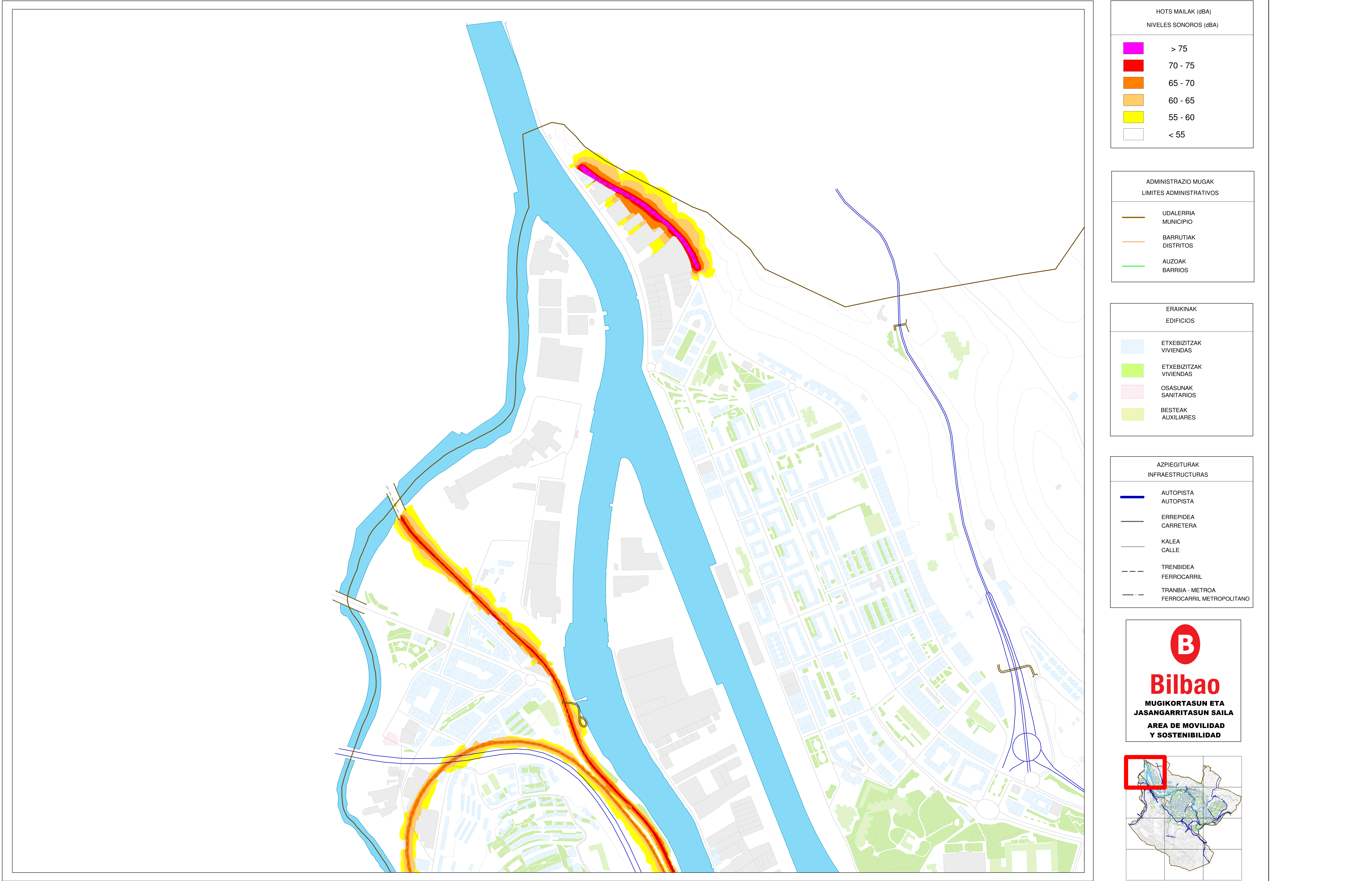
## MAPA ESTRATEGICO DE RUIDO - 2.017

Kuadrikulak eta Zarataren Eraginpean Biztanleria  
Cuadrículas y Población expuesta

ITURRIA: TRENBIDEETAKO TRAFIKOA  
FOCO: TRÁFICO FERROVIARIO

ESKALA:  
ESCALA:

PLANOAK ZK:  
Nº PLANO:



| HOTS MAILAK (dBA)     |         |
|-----------------------|---------|
| NIVELES SONOROS (dBA) |         |
|                       | > 75    |
|                       | 70 - 75 |
|                       | 65 - 70 |
|                       | 60 - 65 |
|                       | 55 - 60 |
|                       | < 55    |

| ADMINISTRATIO MUGAK     |                        |
|-------------------------|------------------------|
| LIMITES ADMINISTRATIVOS |                        |
|                         | UDALERRIA<br>MUNICIPIO |
|                         | BARRUTIAK<br>DISTRITOS |
|                         | AUZOAK<br>BARRIOS      |

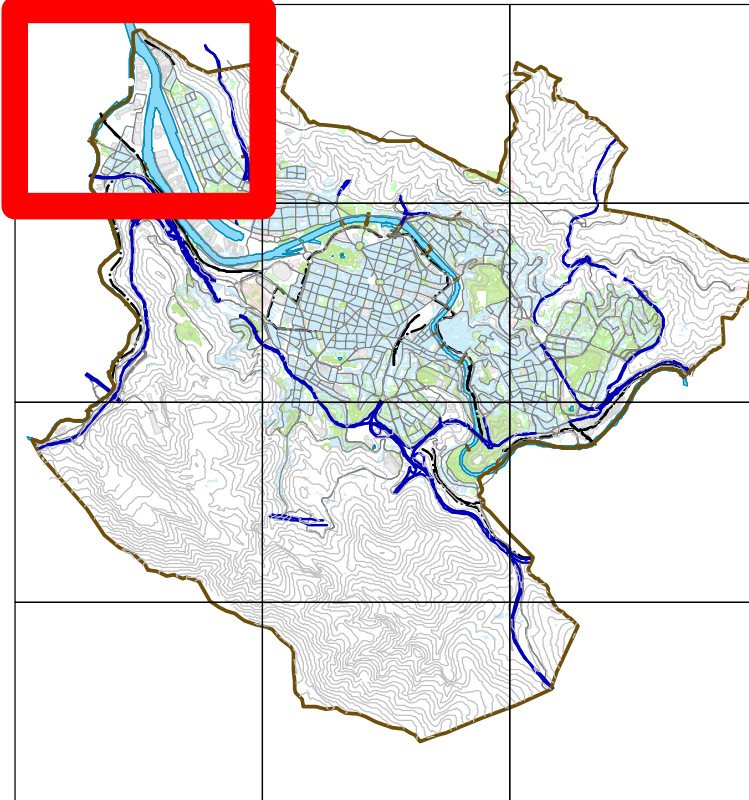
| ERAIKINAK |                           |
|-----------|---------------------------|
| EDIFICIOS |                           |
|           | ETXEBIZITZAK<br>VIVIENDAS |
|           | ETXEBIZITZAK<br>VIVIENDAS |
|           | OSASUNAK<br>SANITARIOS    |
|           | BESTEAK<br>AUXILIARES     |

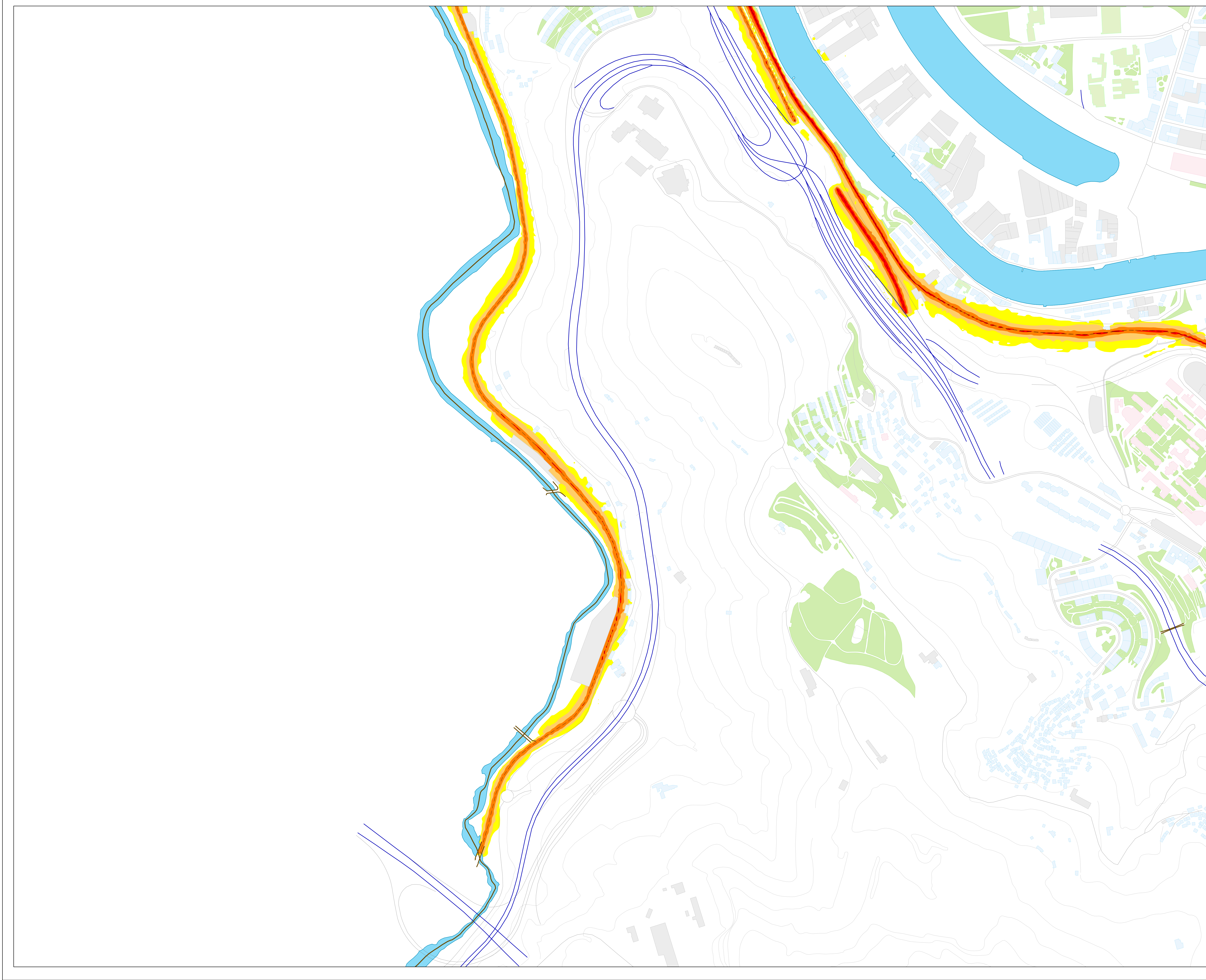
| AZPIEGITURAK     |                                               |
|------------------|-----------------------------------------------|
| INFRAESTRUCTURAS |                                               |
|                  | AUTOPISTA<br>AUTOPISTA                        |
|                  | ERREPIDEA<br>CARRETERA                        |
|                  | KALEA<br>CALLE                                |
|                  | TRENBIDEA<br>FERROCARRIL                      |
|                  | TRANBIA - METROA<br>FERROCARRIL METROPOLITANO |

**Bilbao**

MUGIKORTASUN ETA  
JASANGARRITASUN SAILA

AREA DE MOVILIDAD  
Y SOSTENIBILIDAD





| HOTS MAILAK (dBA)     |         |
|-----------------------|---------|
| NIVELES SONOROS (dBA) |         |
|                       | > 75    |
|                       | 70 - 75 |
|                       | 65 - 70 |
|                       | 60 - 65 |
|                       | 55 - 60 |
|                       | < 55    |

| ADMINISTRATIO MUGAK     |                        |
|-------------------------|------------------------|
| LIMITES ADMINISTRATIVOS |                        |
|                         | UDALERRIA<br>MUNICIPIO |
|                         | BARRUTIAK<br>DISTRITOS |
|                         | AUZOAK<br>BARRIOS      |

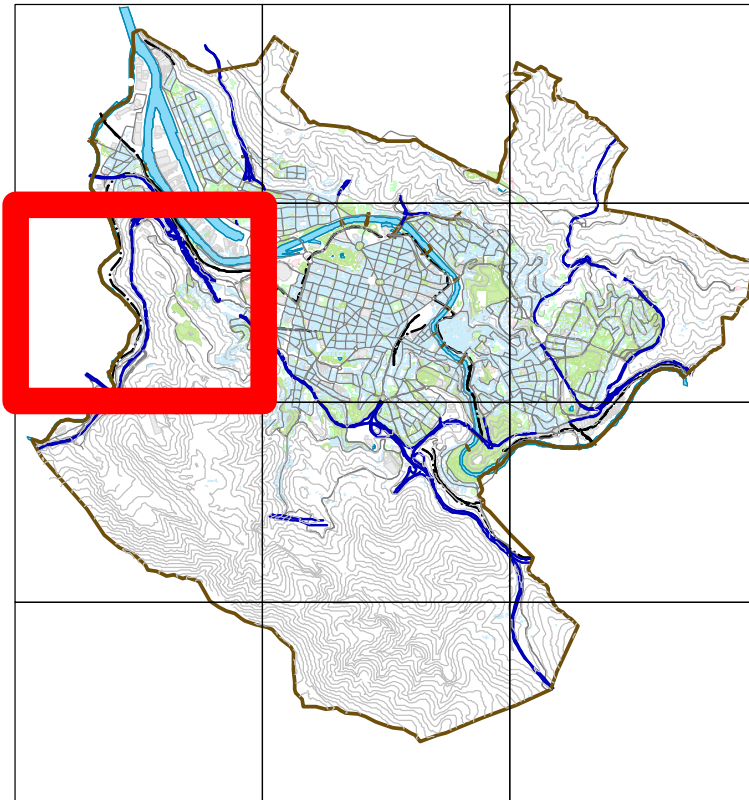
| ERAIKINAK |                           |
|-----------|---------------------------|
| EDIFICIOS |                           |
|           | ETXEBIZITZAK<br>VIVIENDAS |
|           | ETXEBIZITZAK<br>VIVIENDAS |
|           | OSASUNAK<br>SANITARIOS    |
|           | BESTEAK<br>AUXILIARES     |

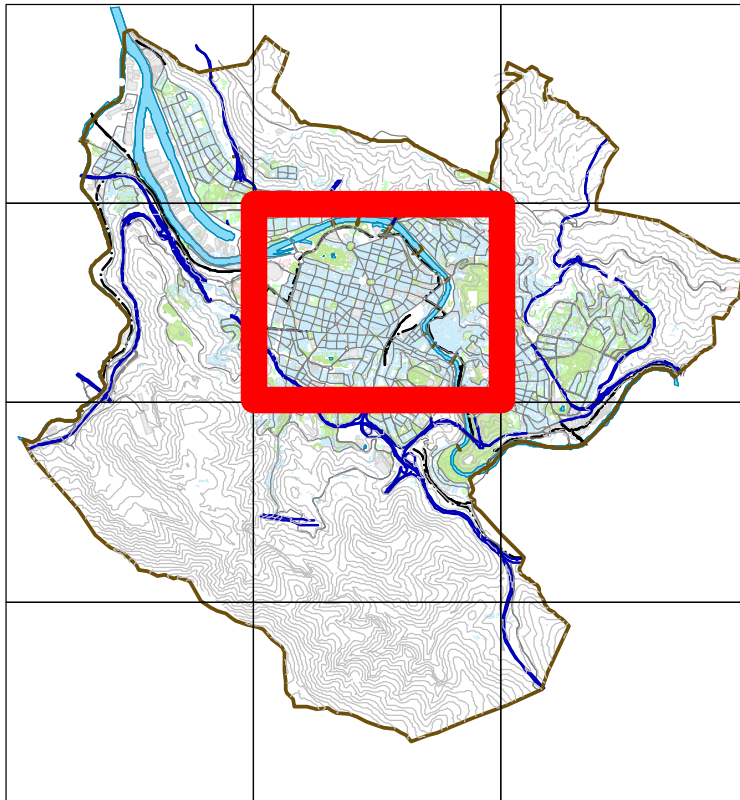
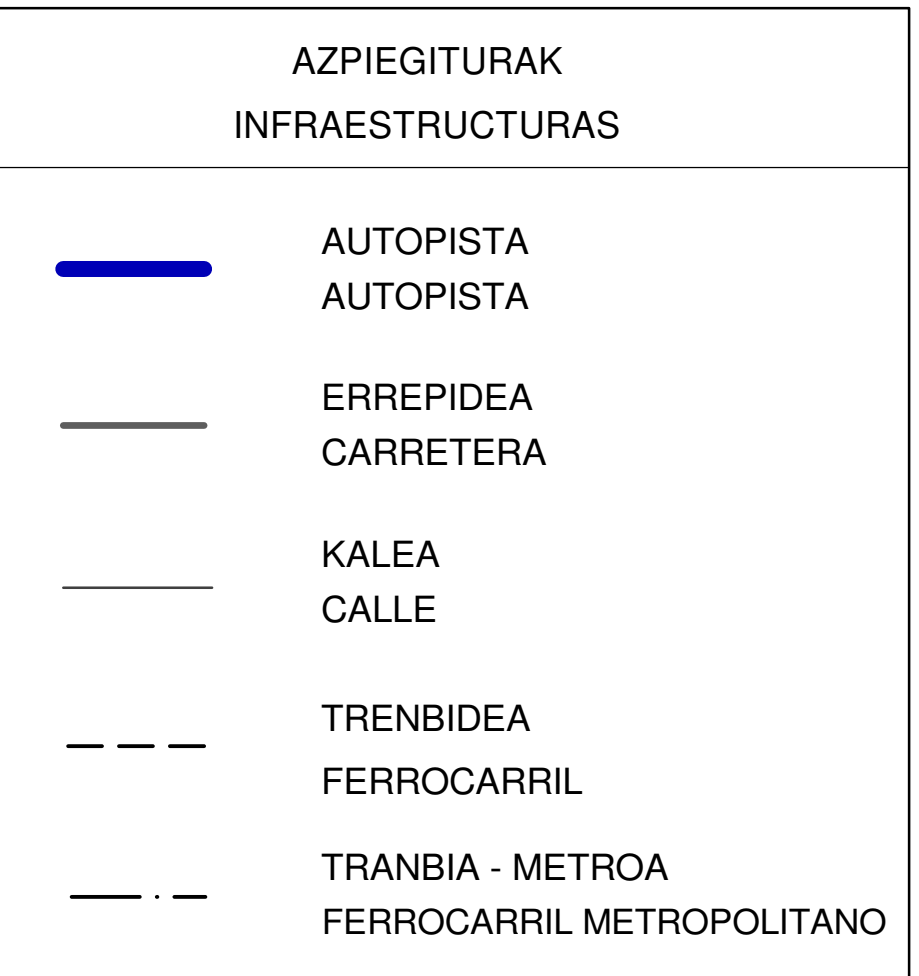
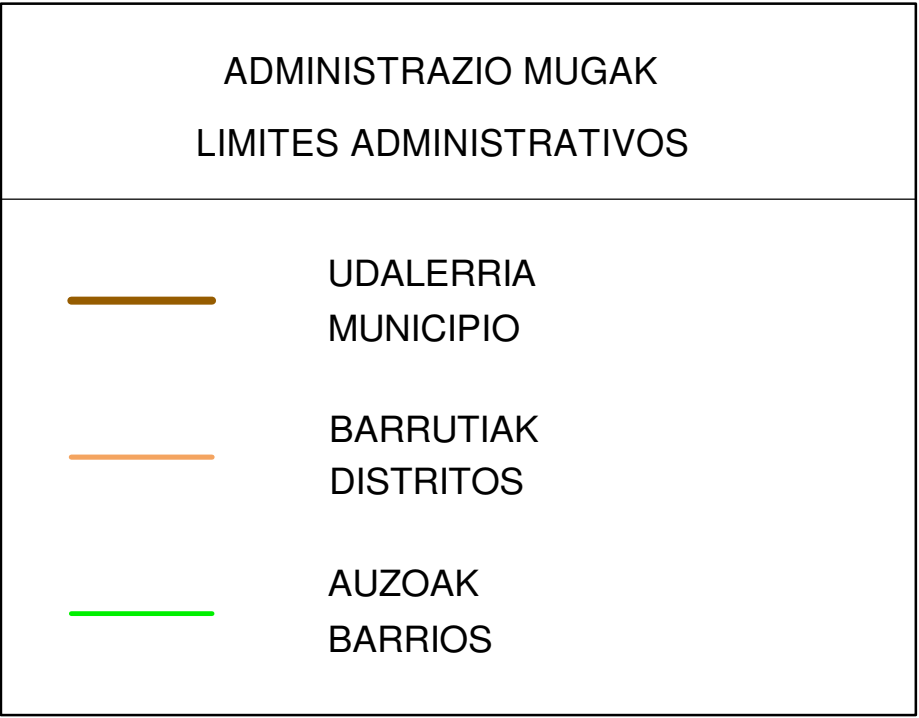
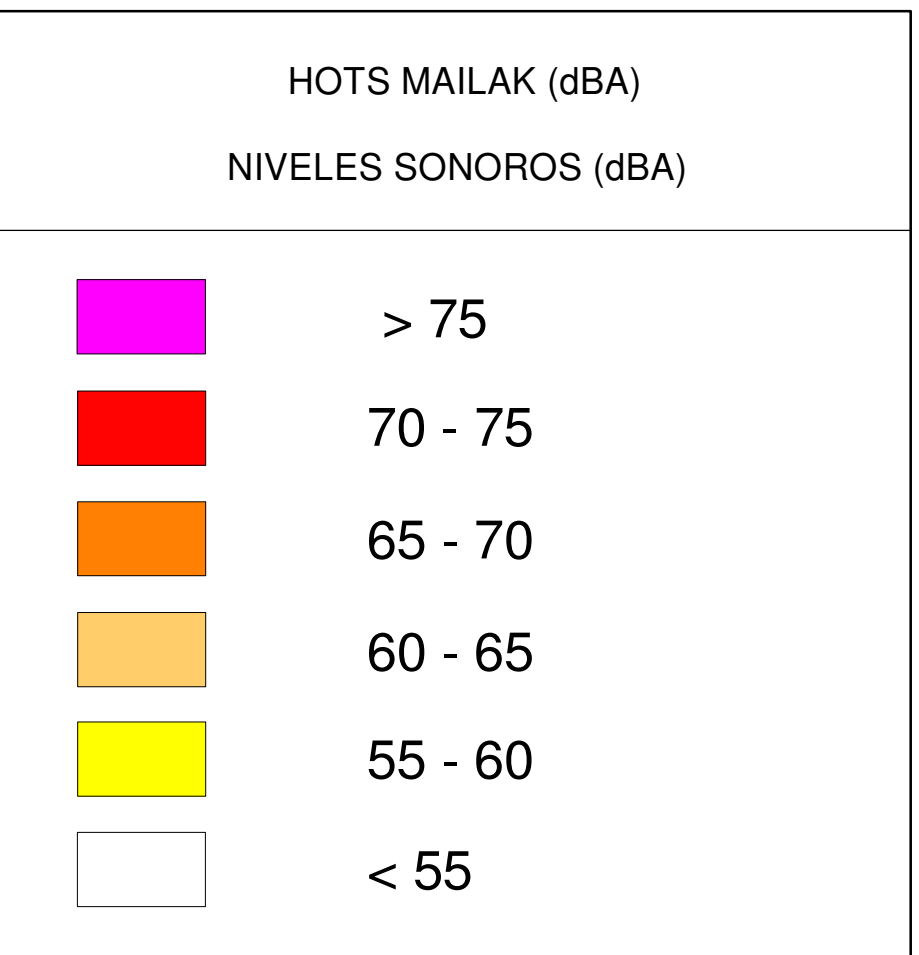
| AZPIEGITURAK     |                                               |
|------------------|-----------------------------------------------|
| INFRAESTRUCTURAS |                                               |
|                  | AUTOPISTA<br>AUTOPISTA                        |
|                  | ERREPIDEA<br>CARRETERA                        |
|                  | KALEA<br>CALLE                                |
|                  | TRENBIDEA<br>FERROCARRIL                      |
|                  | TRANBIA - METROA<br>FERROCARRIL METROPOLITANO |

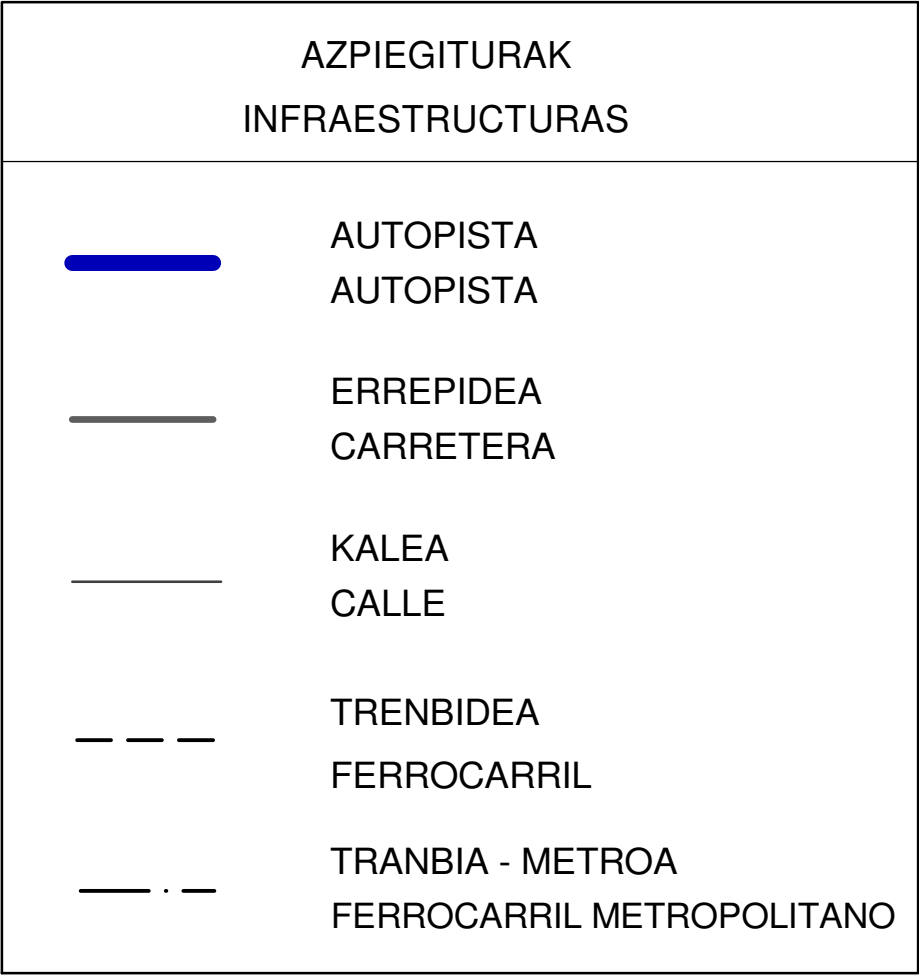
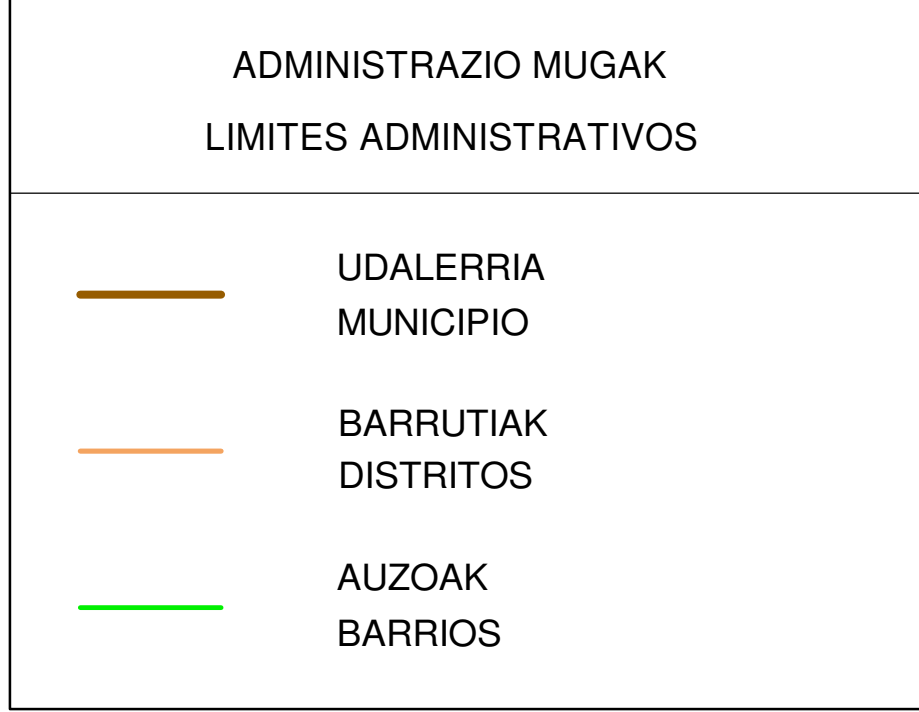
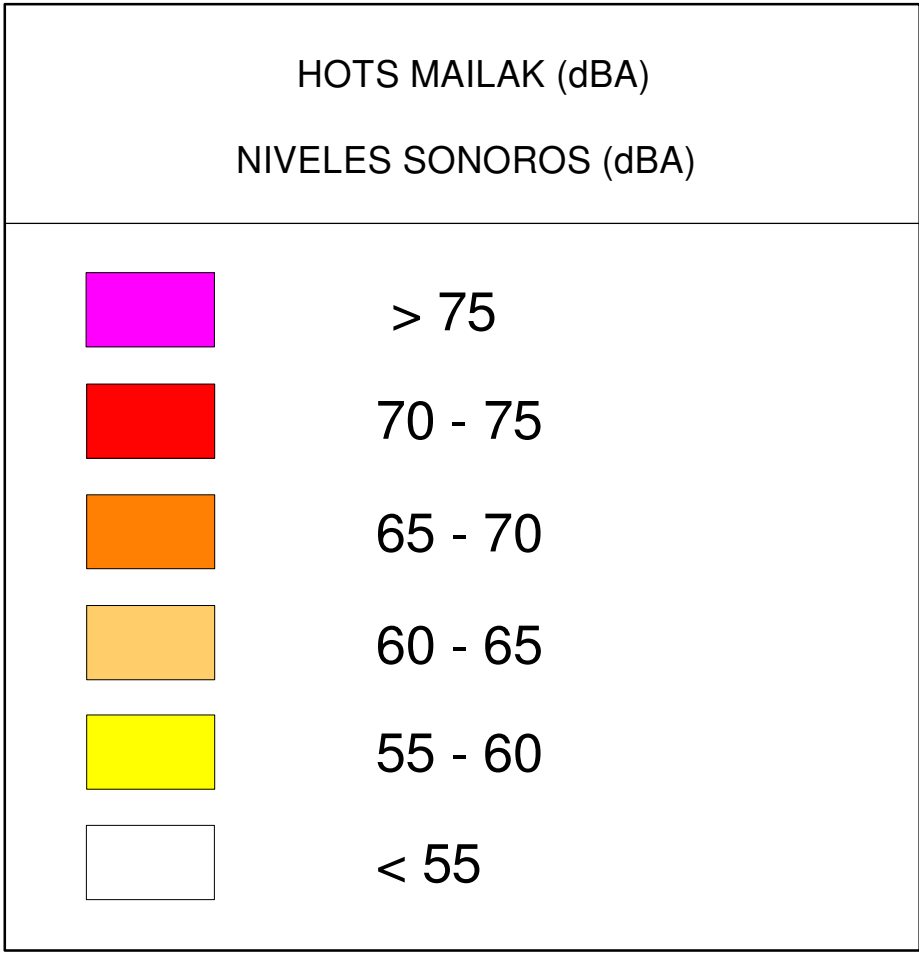
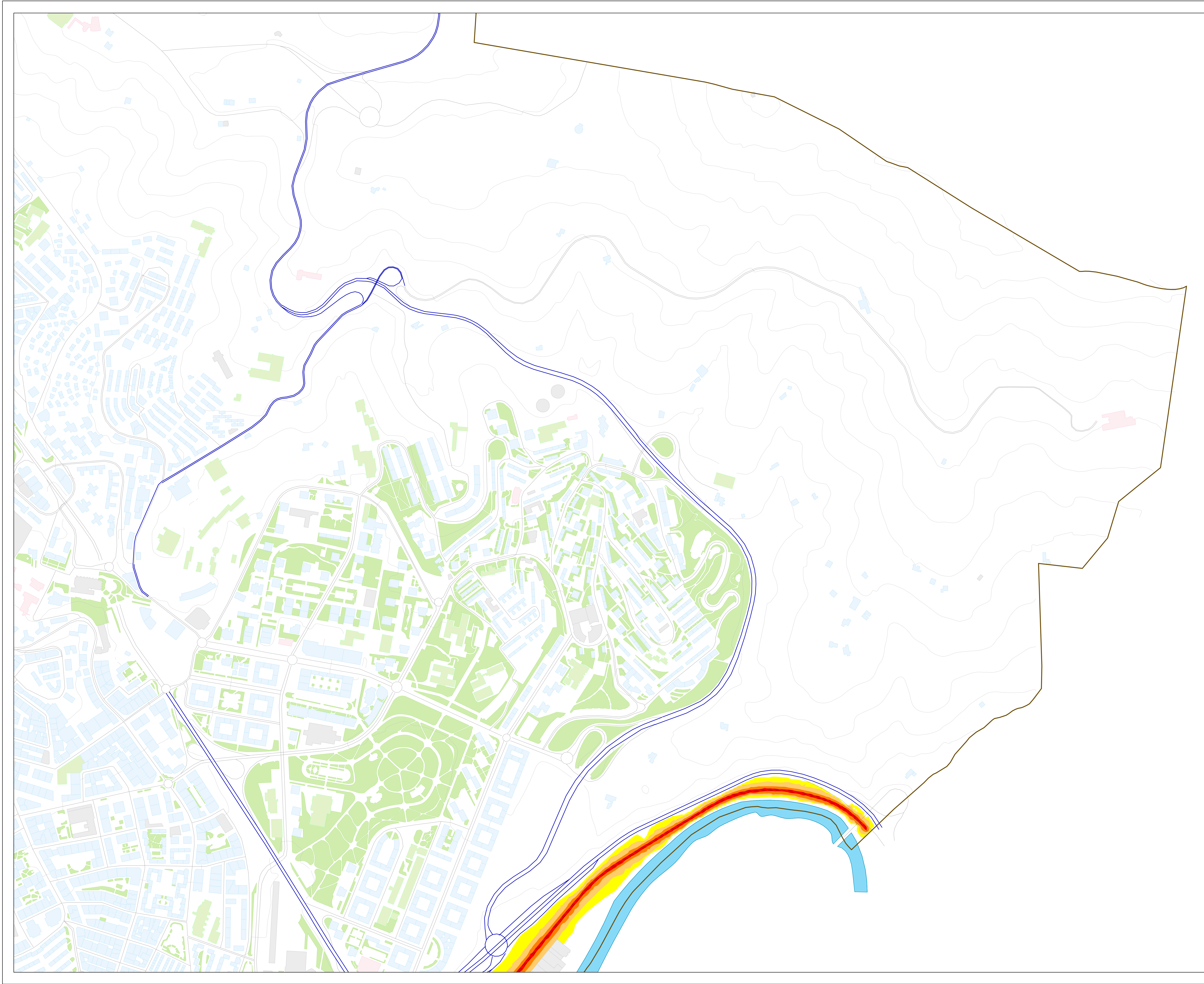
**Bilbao**

MUGIKORTASUN ETA  
JASANGARRITASUN SAILA

AREA DE MOVILIDAD  
Y SOSTENIBILIDAD





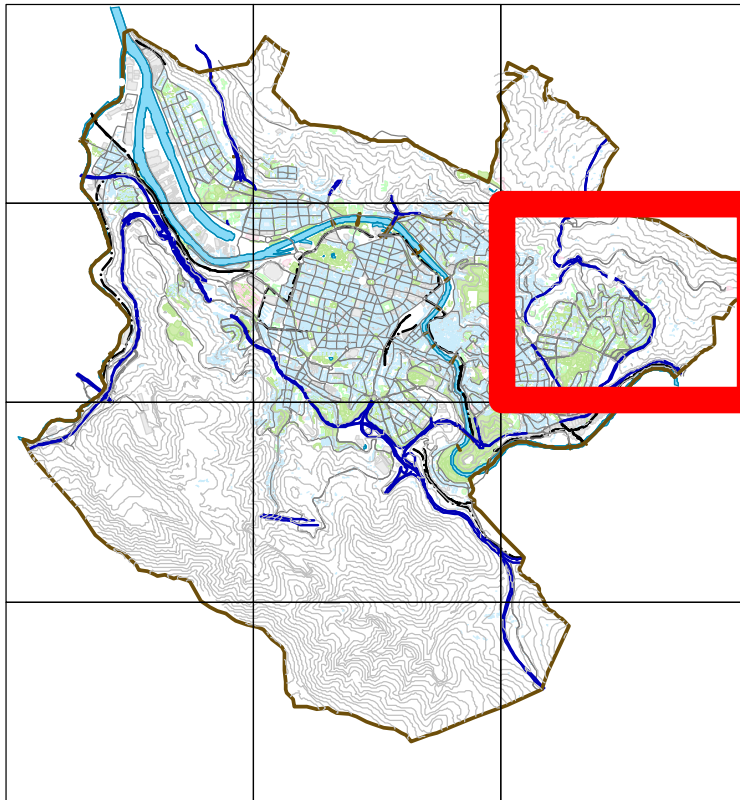


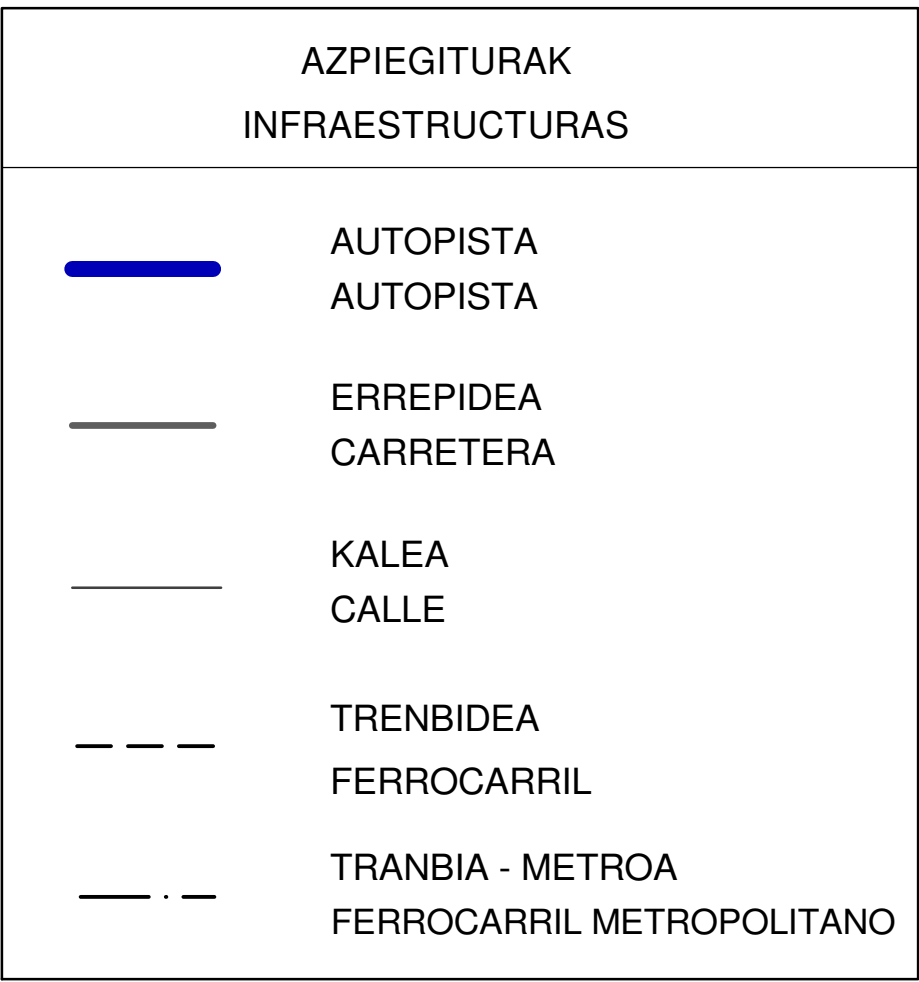
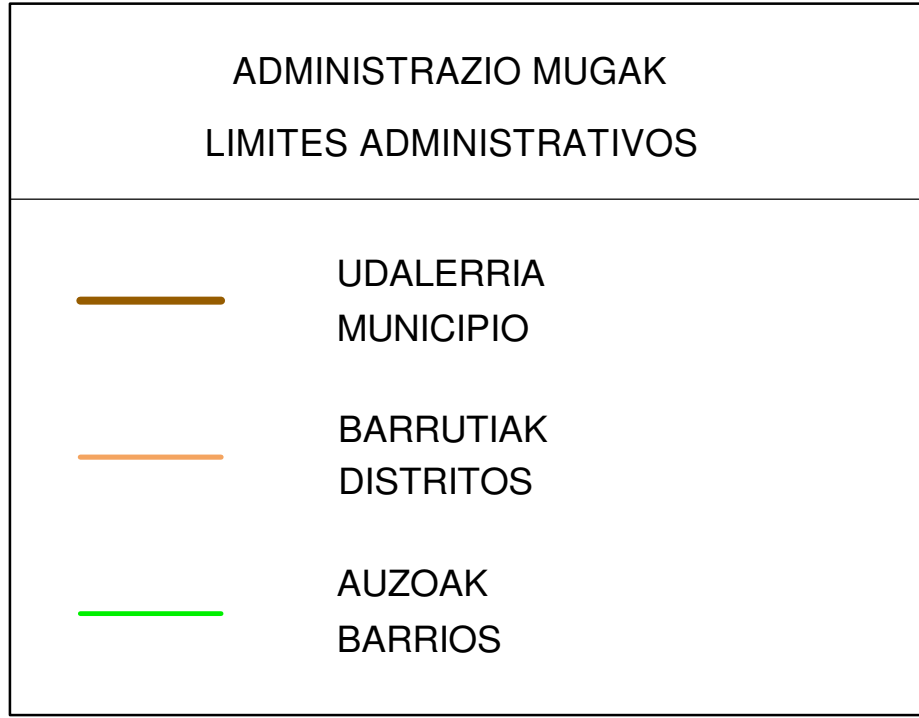
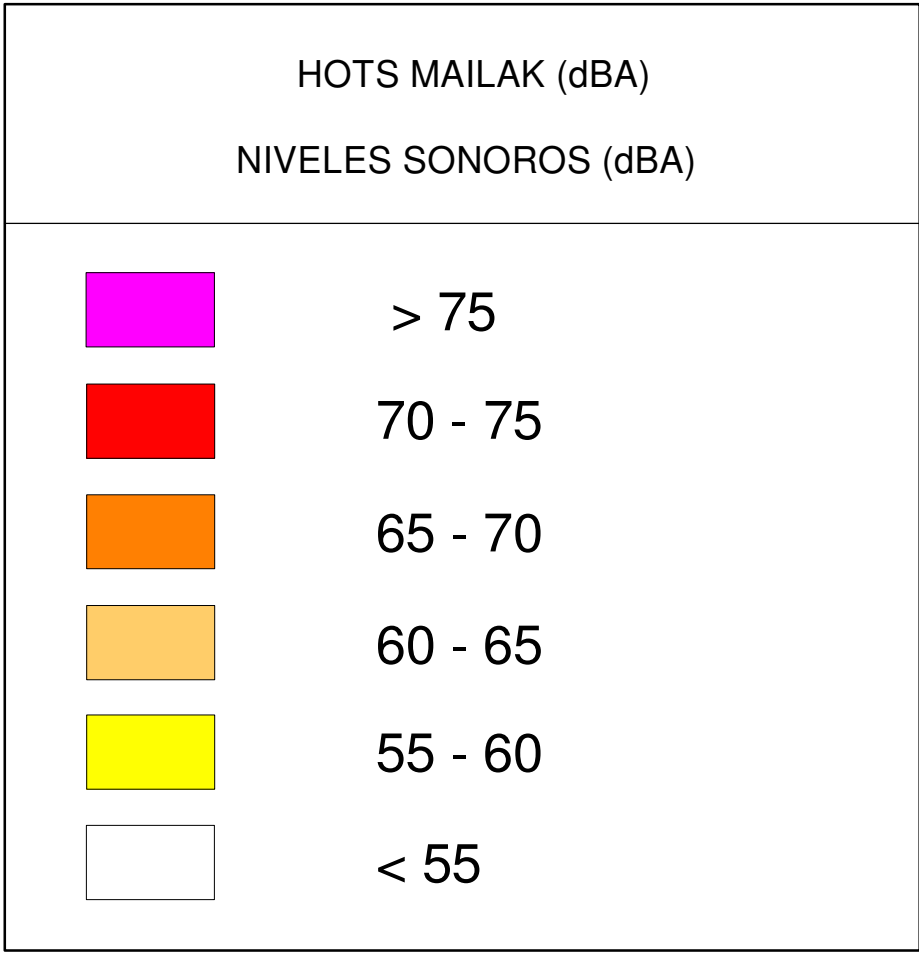
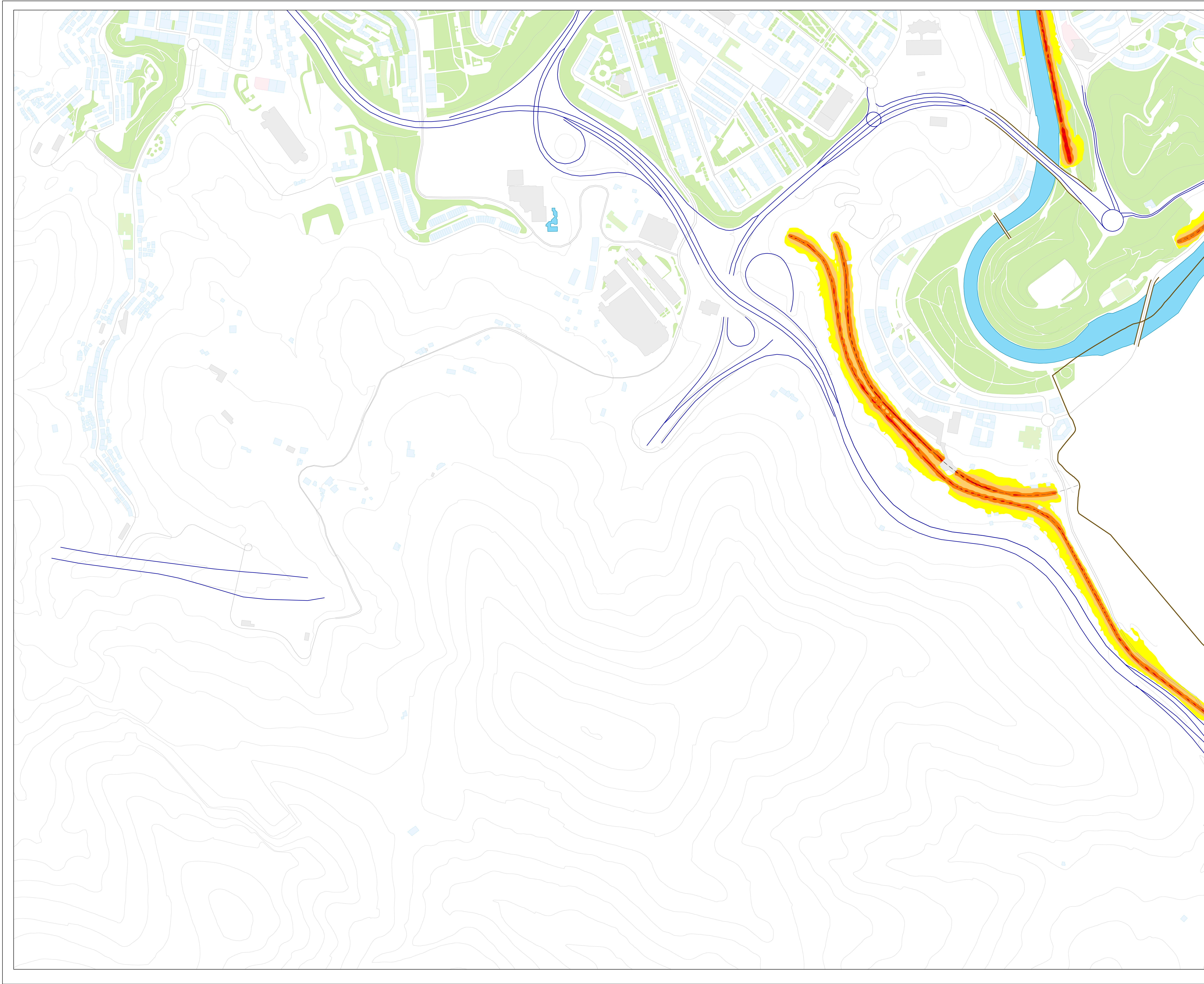
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Bilbao

MUGIKORTASUN ETA  
JASANGARRITASUN SAILA

AREA DE MOVILIDAD  
Y SOSTENIBILIDAD

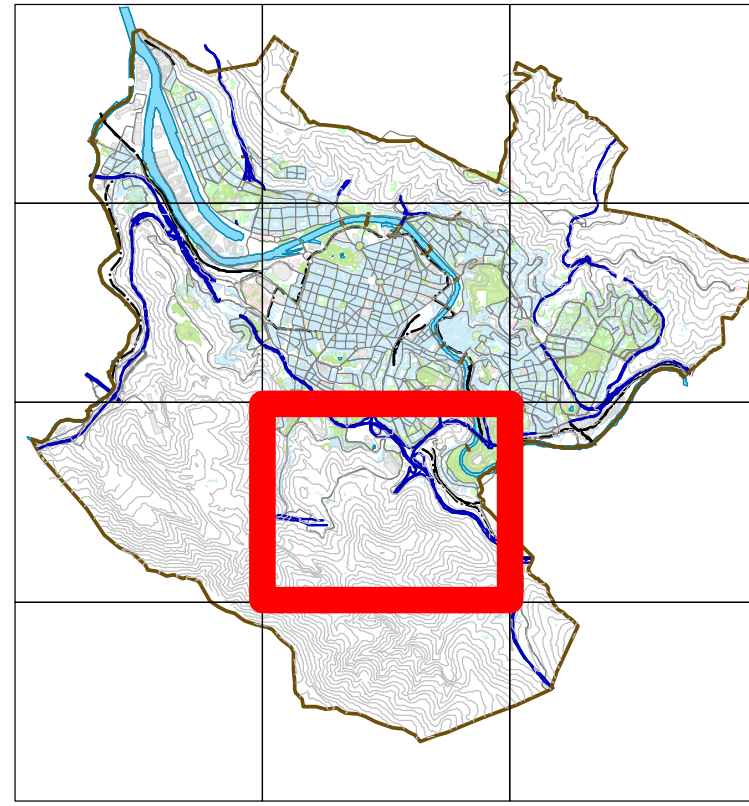


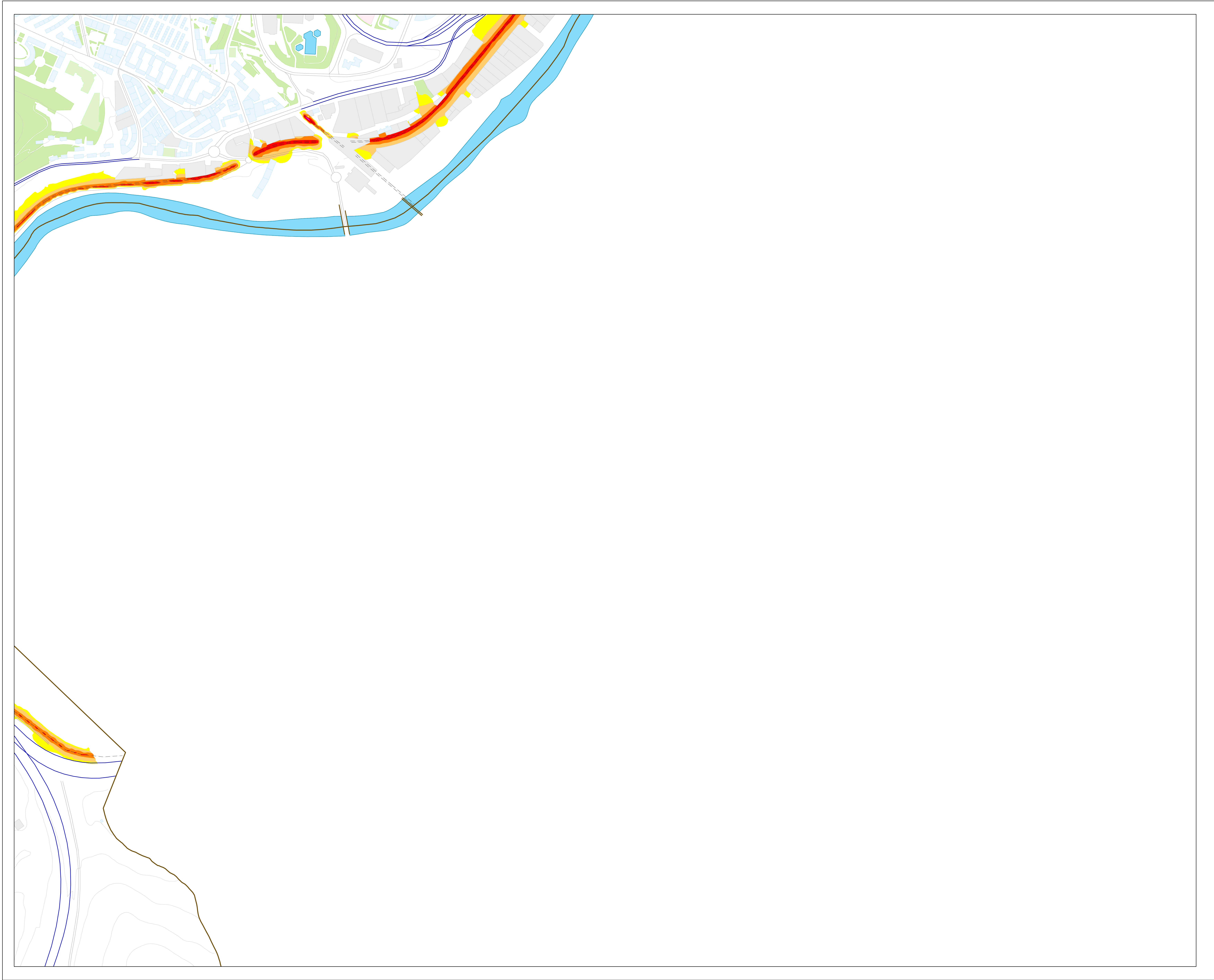


**Bilbao**

MUGIKORTASUN ETA  
JASANGARRITASUN SAILA

AREA DE MOVILIDAD  
Y SOSTENIBILIDAD





| HOTS MAILAK (dB(A))     |         |
|-------------------------|---------|
| NIVELES SONOROS (dB(A)) |         |
|                         | > 75    |
|                         | 70 - 75 |
|                         | 65 - 70 |
|                         | 60 - 65 |
|                         | 55 - 60 |
|                         | < 55    |

| ADMINISTRATIO MUGAK     |                        |
|-------------------------|------------------------|
| LIMITES ADMINISTRATIVOS |                        |
|                         | UDALERRIA<br>MUNICIPIO |
|                         | BARRUTIAK<br>DISTRITOS |
|                         | AUZOAK<br>BARRIOS      |

| ERAIKINAK |                           |
|-----------|---------------------------|
| EDIFICIOS |                           |
|           | ETXEBIZITZAK<br>VIVIENDAS |
|           | ETXEBIZITZAK<br>VIVIENDAS |
|           | OSASUNAK<br>SANITARIOS    |
|           | BESTEAK<br>AUXILIARES     |

| AZPIEGITURAK     |                                               |
|------------------|-----------------------------------------------|
| INFRAESTRUCTURAS |                                               |
|                  | AUTOPISTA<br>AUTOPISTA                        |
|                  | ERREPIDEA<br>CARRETERA                        |
|                  | KALEA<br>CALLE                                |
|                  | TRENBIDEA<br>FERROCARRIL                      |
|                  | TRANBIA - METROA<br>FERROCARRIL METROPOLITANO |

**Bilbao**

MUGIKORTASUN ETA  
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AREA DE MOVILIDAD  
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