

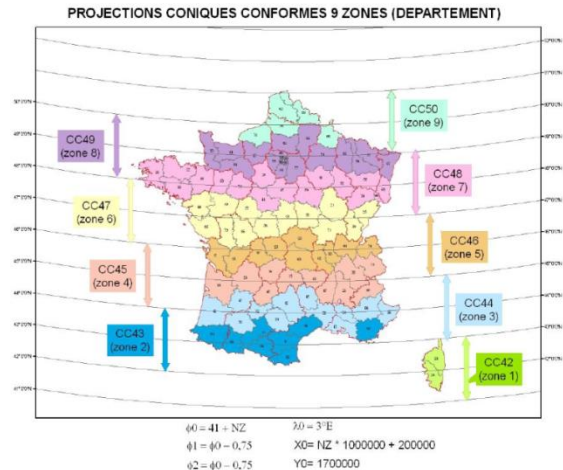
# Transformation of coordinate systems

## Description of the project

It is sometimes necessary to transfer all data into a new coordinate system as, for example, when a new, better defined, coordinate system is created. It is possible to convert data in any valid system of coordinates, whether it be in 2D or 3D, using Oracle (examples: RGF93/CCXX, Lambert Belge 72, Lambert Belge 2008 etc). OSCARS can help perform this transformation of a coordinate system using the Oracle database.

## Illustration

This figure represents the division of France using 9 areas Conic Conform projection. These projections are based on the RGF93.



Source : <http://georezo.net/blog/parcellair/tag/rgf93/>

## Technologies and prerequisites

- Oracle Dabatase XE, Oracle Database Standard Edition or Oracle Database Enterprise Edition
- Oracle Locator or Oracle Spatial Option according to the case
- Transformation grid and definition of the coordinate system

## References

Conseil Général du Bas-Rhin (CG67)  
Lille Métropole Communauté urbaine  
Mairie de Bordeaux

## Kit for implementation of the project

- Audit and preliminary study (1 to 5 days)
- Transformation of the data in a new coordinate system (1 to 3 days)
- Validation of the new projection (1 to 3 days)

The number of days indicated is for guidance. Each project is different and may require a variable number of days. An estimate is required before the beginning of each project. In addition, this kit enables implementation of the project so that the customer can subsequently carry out the project autonomously. It is not an A to Z assessment of the project.

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