

A GLOBAL SYSTEM OF ROAD WEATHER FORECAST TO THE BENEFIT OF WINTER SERVICEABILITY

DIR Sud-Ouest – MEDDE, France
dir-sud-ouest@developpement-durable.gouv.fr
in association with METEO-FRANCE

ABSTRACT

The Direction Interdépartementale des Routes Sud-Ouest (DIR Sud-Ouest) of France provides winter serviceability of 950 km of national roads spread over nine departments in zones of plain, piedmont and mountain. The traffic stakes are diverse and important.

The period of winter serviceability lasts four months in plain and six months in mountain. During this period, the DIR mobilizes its 21 centers of maintenance and intervention (Centres d'Entretien et d'Intervention : CEI) and its 2 engineering and traffic management centers (Centres d'Ingénierie et de Gestion du Trafic : CIGT) in the context of a particular organization.

One of the essential elements of the device set up by the DIR is the global system of road weather forecast and the follow-up of the weather conditions supplied by METEO-FRANCE.

This system supplies, on the scale of the network of the DIR, the analysis of the events impacting roads in real time and in a projected way.

It allows managerial staff, from the closer to the ground (Manager Winter Serviceability in CEI) to the direction (executive staff available on call), and the traffic management centers (CIGT), to anticipate in order to organize and realize their missions at best.