

**Department of Communications,
Marine and Natural Resources**
Dublin, Ireland
www.dcmnr.gov.ie

Industry:

Government

**Oracle Products &
Services:**

Oracle Database
Oracle Application Server J2EE
InterConnect
Oracle Spatial

“Oracle Fusion Middleware lets us share data seamlessly within the department and across our partner network while driving down costs and improving service to the public and our business customers.” – Deborah Byrne, Higher Executive Officer, Database Team, Department of Communications, Marine and Natural Resources

Department of Communications, Marine and Natural Resources Builds Integrated Service Delivery Platform

The Department of Communications, Marine and Natural Resources promotes competitive, high quality communications services in Ireland, manages maritime and coastal affairs, and handles mining rights. The department works closely with other Irish government agencies, the Irish Navy, and the European Union to ensure compliance with environmental legislation.

Challenges

- Gain an integrated view of Ireland’s land and marine resources
- Ensure that European Union directives on sustainable fishing and land use are complied with to ensure eligibility for grants
- Streamline communication with other government agencies and improve customer service through integrated systems

Solution

- Replaced disparate IT systems used by communications, marine, and natural resources divisions with a single infrastructure based on Oracle Fusion Middleware components
- Leveraged Oracle Application Server to build a flexible, scalable, service delivery platform
- Rapidly developed low cost, standards-based, scalable applications for land, coastal, maritime, and fisheries administration using Oracle Application Server J2EE
- Built end-to-end integrated, workflow-routed business processes using Oracle Application Server InterConnect
- Using Oracle Spatial to map land and sea parcels and process geospatial information centrally within Oracle Database
- Achieved single, multidimensional view of land and sea resources using Oracle Spatial to enable cross referencing between geographic and nonspatial data on a single map
- Improved adherence to European Union fishing quotas by sharing information on registered fishing vessels with the Irish Navy using Oracle Application Server InterConnect
- Reduced administration costs through automation and Web enablement and improved access to information for businesses