

# Gourmet

## Objectives

1. Advancing low-resource deep learning for natural language applications;
2. High-quality machine translation for low-resource language pairs and domains;
3. Development of tools for media analysts and journalists;
4. Sustainable, maintainable platform and services;
5. Dissemination and communication of project results to stakeholders.

## Partners

- University of Edinburgh
- Universiteit van Amsterdam
- Universitat d'Alacant
- British Broadcasting Corporation
- Deutsche Welle

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## Aim

Machine translation (MT) is an increasingly important technology for supporting communication in a globalised world. Over the last few years neural machine translation methods have led to significant improvements in translation quality. However, they rely on large parallel corpora for training and are not able to deliver usable translations for the vast majority of language pairs in the world. The aim of GoURMET is to significantly improve the robustness and applicability of neural machine translation for low-resource language pairs and domains.

## Use Cases

1. Global content creation – managing content creation in several languages efficiently by providing machine translations for correction by humans;
2. Media monitoring for low-resource language pairs – tools to address the challenge of monitoring media in strategically important languages;
3. International business news analysis – reliably translating and analysing news in the highly specialised financial domain.

## Impact

The outputs of the project will be field-tested at partners BBC and DW, and the platform will be further validated through innovation intensives such as the workshops centred around our user group and BBC NewsHacks.