Europe Media Monitor (EMM)
A public service in over 60 languages

Who we are, what we do, and why

• **Who we are:** Joint Research Centre (JRC), a Directorate General of the European Commission.

• **What we do:** Automatic real-time monitoring and analysis of online media, including conventional press and social media.

• **For what purposes:**
  - Support users in their need to monitor information, detect threats, follow trends and analyse impact.
  - Improve the EU’s prevention, preparedness and response capabilities to a wide range of threats (e.g. humanitarian crises, natural and man-made disasters, endangerment of public health, conflict, terrorism and organised crime).

Who our users and clients are

• Institutions of the **European Union** and EU agencies

• National authorities of the EU’s 27 **Member States**

• International organisations (e.g. African Union, UNO and many of its sub-organisations)

• National authorities in the EU’s **partner countries** (e.g. in the USA, Canada, China, ...).

• The general **public**: Over 30,000 internet users per day access the freely available public web pages.

Main product: EMM family of applications

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Multilingual LT components used in EMM

• All entirely developed by the JRC (mostly for 21 languages)
  - Arabic, Bulgarian, Danish, Dutch, English, Estonian, Farsi, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Slovene, Spanish, Swahili, Swedish, Turkish.

• **Gathering** and aggregation of online news (~60 languages).

• Document **clustering** (grouping) and **classification** (~60 languages).

• **Information Extraction and disambiguation**: names of persons, organisations, locations, quotations, events.

• **Co-reference resolution**.

• Multi-document summarisation.

• **Machine Translation**.

• Generation of **social networks** based on automatically extracted information.

Importance of multilinguality

• **Information is complementary across languages.** Most information is not translated.

• To get the complete picture, it is crucial to have multilingual LT software and tools giving access to information across languages.

Complementary geographical coverage of health-related news during the same time period.

Our views on META-NET

• We fully support the conclusions of the META-Net study.

• Users have an enormous information need, including across languages.

• Many more language resources and LT tools are needed.

• Languages not well supported are threatened in the digital age.

• Multilingual Language Technology is particularly important for Europe:
  - Access to markets across language borders; unhindered competition (competitive disadvantage compared to the US);
  - Increased transparency and democracy;
  - Achieving unity in the EU while maintaining cultural and linguistic diversity;
  - EU institutions work hard to contribute to these goals.

Selected publications
