Proposal Submission Form

EUROPEAN COMMISSION
7th Framework Programme on Research, Technological Development and Demonstration

Collaborative Project
Small or medium-scale focused research project

A1: Content

Proposal Number	000000	Proposal Acronym	NEED

General Information

Proposal Title	News Event Extraction & Description		
Duration in months	30	Call identifier	FP7-ICT-2007-3

Topic code(s) most relevant to your proposal

ICT-2007.4.4	-	-

Free Keywords: news integration, event detection, multimedia news presentation, semantic search and personalization

Abstract (max. 2000 char.)

Faced with the emergence of citizen-based media, traditional news agencies are being forced to fundamentally re-think their production and distribution workflow processes. In addition, traditional text-based products are losing market share for other media products, in particular video. At the same time, users have access to multiple news portals, which provide online access to different sources and services for commenting and debating on the news. These contain large amounts of unreliable and repeated information, leaving the user exploring on their own to try to build their own version of a news event from large amounts of potentially related information.

NEED will solve interoperability problems in established news workflows and offer interfaces providing access to heterogeneous sources of information, in multiple media types and in multiple languages, centred on a macro-view of news events. By developing knowledge models for news events, NEED will provide event-centric navigation interfaces. These models will be populated with annotations of news items, using semi-automatic text processing and multimedia content analysis. Scheduled and breaking news events will be detected, analyzed, described formally and linked to existing background knowledge available on the web.

For this open-knowledge approach to news workflow to work on an industrial scale in practice, all information components need to conform to open standards. Consortium members have close ties with different standards bodies to ensure that the real problems from existing communities are addressed within the project and that the solutions developed within the project can feed into the relevant standardisation activities. This will ensure broad uptake for establishing metadata workflows in the production and consumption chains throughout the news industry.

Similar proposals or signed contracts?

a) Has this proposal (or a very similar one) been previously submitted to a call for proposals of the 7th EU RTD Framework Programme?	no
IF YES	
- please give the call identifier	-
- please give the proposal or contract number (if known)	-
b) Is this proposal (or a very similar one) currently being submitted to another call under FP7?	no
IF YES please give the call identifier	-