



Policy Formulation and Validation through  
non moderated crowdsourcing

## NOMAD Vision and Goals

NOMAD Kick-off meeting  
15-16 February 2012, Athens

# Consortium

---

**Start Date :** 1/1/2012

**Duration :** 30 months

**Project Coordinator:**

University of the Aegean (Greece)

**Project Partners:**

- ☐ Google (Ireland)
- ☐ Athens Technology Center - ATC (Greece)
- ☐ CRITICAL PUBLICS (United Kingdom)
- ☐ QWENTES KANTOR (Belgium)
- ☐ Austrian Parliamentary Administration (Austria)
- ☐ Hellenic Parliament (Greece)
- ☐ NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS" (Greece)
- ☐ FRAUNHOFER INSTITUTE FOR COMPUTER GRAPHICS RESEARCH (Germany)

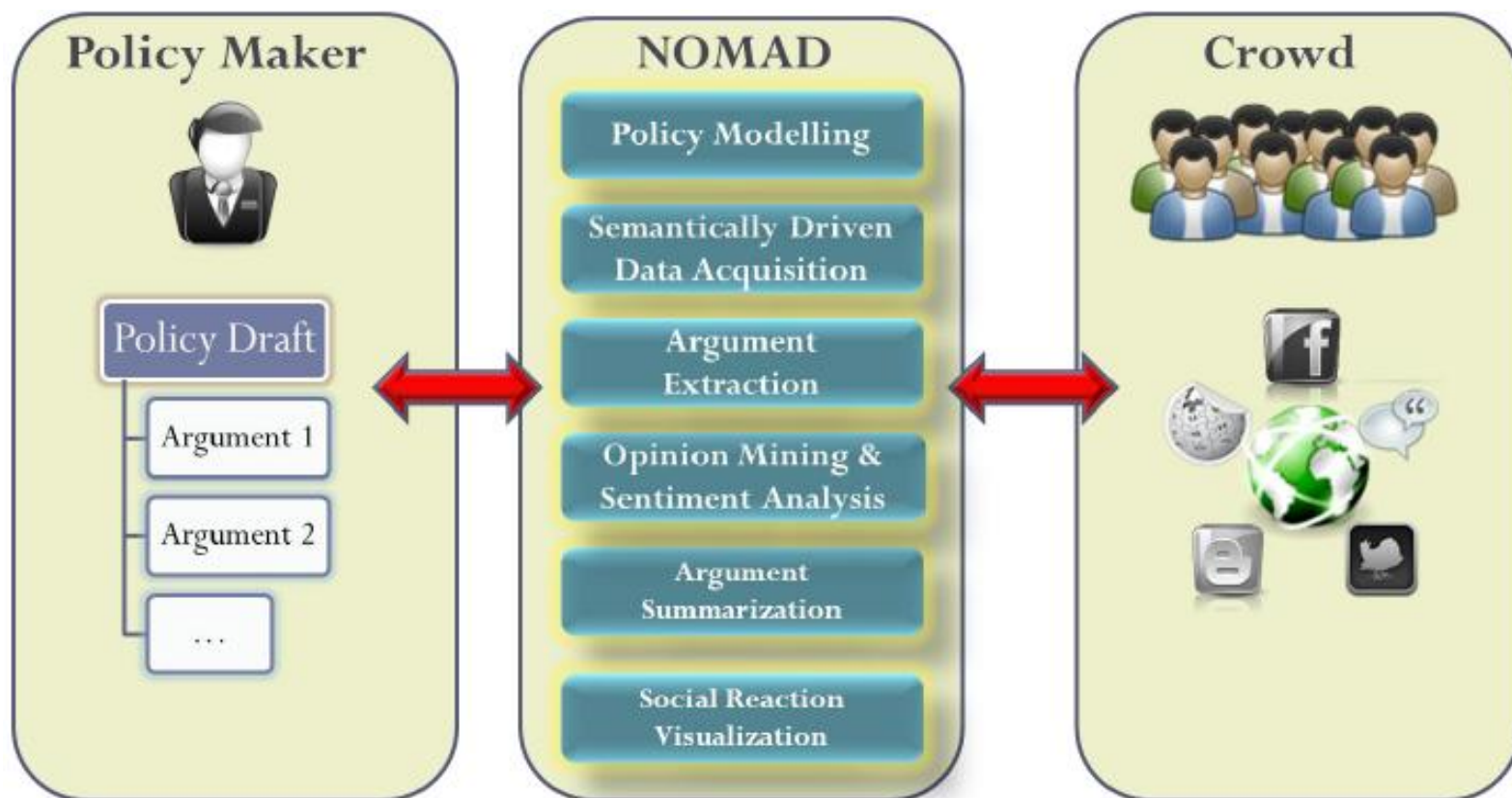


# NOMAD Vision

---

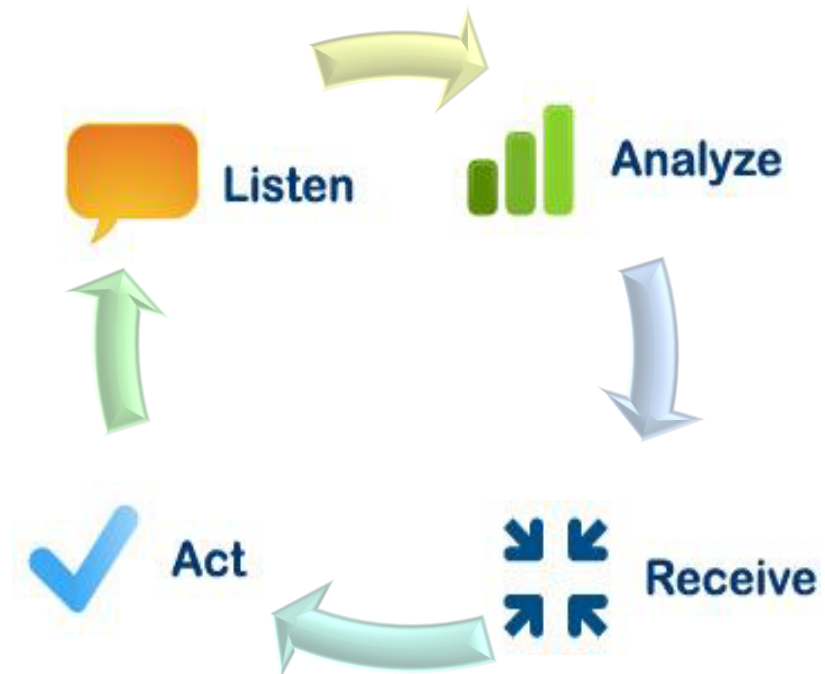
*To provide decision-makers with fully automated solutions for content search, selection, acquisition, categorisation and visualisation that work in a collaborative form in the policy-making arena.*

# The NOMAD at a glance



# The NOMAD Approach

- Enable the policy-makers to:
  - LISTEN and monitor what people say
  - ANALYSE conversations and get the main stakeholders opinions
  - RECEIVE all responses and data properly displayed for an effective use
  - ACT on this informations



# Objectives

## Obj.1

- **Specify the NOMAD Conceptual Framework for policy making**
  - Methodology and technical characteristics of DRA for policy-making

## Obj.2

- **Introduce Information Visualization and Visual Analytics to the policy modeling context**
  - Adapt existing and design new innovative techniques applicable to policy modelling

## Obj.3

- **Design and Implement the NOMAD Technical Platform and the related modules**
  - Architectural design (based on SOA)
  - Implementation and integration of components

## Obj.4

- **Enable a more Socially-Rooted, Citizen-Centric Policy Making**
  - Translation of citizens' needs into new policy initiatives and improvement of monitoring policy-delivery
  - Enhancement of citizens' active participation in the decision-making process
  - Creation of feedback loop between Web information and the definition of political agendas

# Objectives

## Obj.5

- **Provide Decision Support to Policy Makers**

- Display qualitative aggregated results
- Receive and analyse citizens' responses to policy proposals before formulation

## Obj.6

- **Pilot in Real Life Conditions and Assess the Added Value in the Policy Making Process**

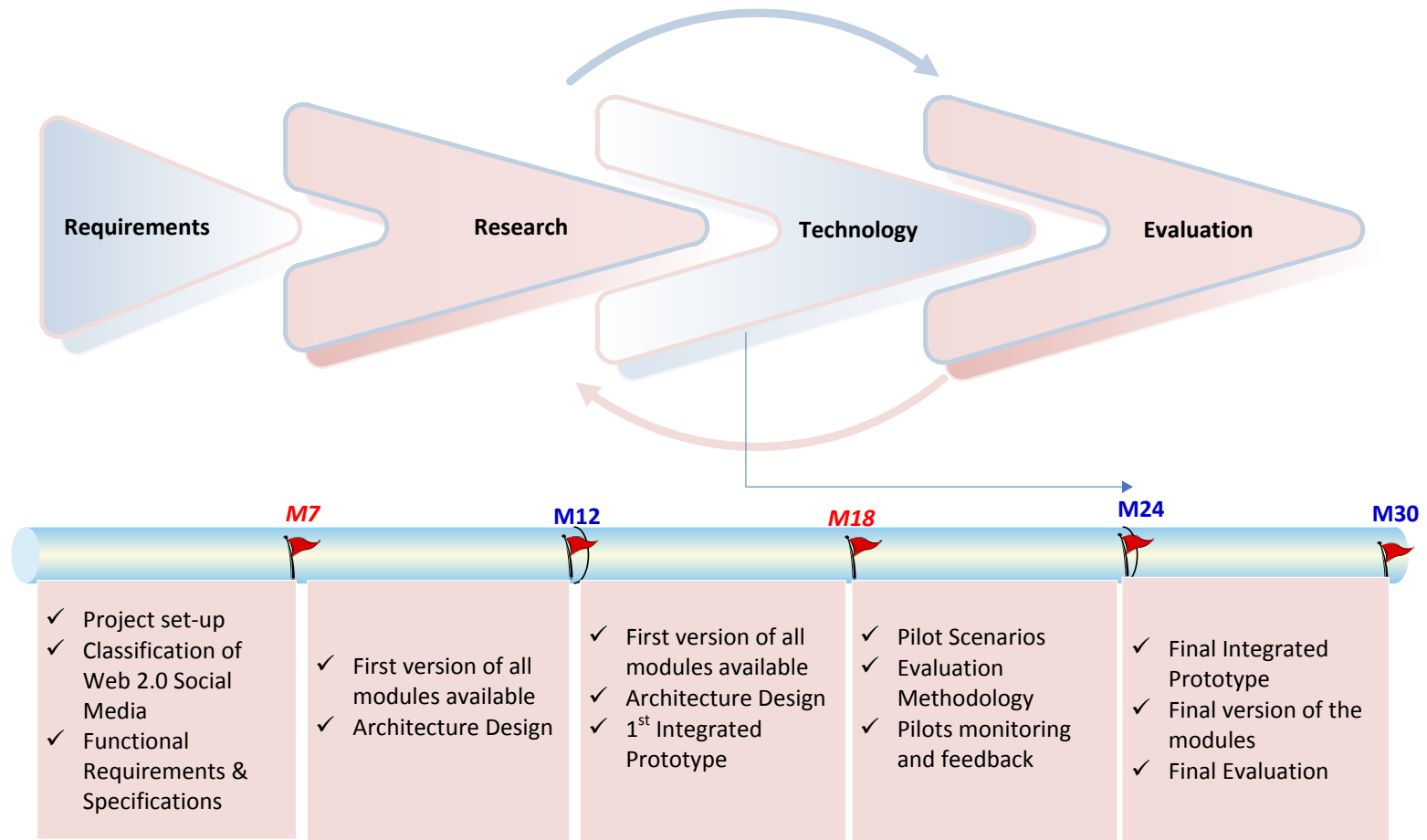
- Creation of pilot scenarios and adoption of tools to support them
- Definition of Pilot Evaluation Methodology to assess the NOMAD added value
- Engagement of policy makers

## Obj.7

- **Disseminate and Exploit the Project Results**

- Scientific publications
- Web 2.0 channels
- Join communities (eParticipation, policy making, Web 2.0 technologies, etc.)
- Exploitation activities

# Implementation Strategy





# Main NOMAD technical components

---

- Data Acquisition Module (NOMAD crawler)
- Policy argumentation data model
- Argument Extraction Module
- Opinion mining and sentiment analysis module
- Argument summarisation module
- Information visualization module

## Use cases - pilots

---

- Identification of significant policy issues
- Specification of 3 pilot scenarios
- Pilot users
  - HEP : Legislative procedures
  - AUP : Climate change “Care for Climate in the Context of a Holistic Climate Change Abatement Policy”
  - European Academy of Allergy and Clinical Immunology (EAACI): policies concerning the immunotherapy for combating allergy