FLAIR	**H2020**	
TE-KEVER	csem	DTU
Empa Materials Science and Technology		
NKT Photonics the power of light	NIT New Infrared Technologies	Radboud University Nijmegen
SenseAir Sensors for Life		

DISSEMINATION AND COMMUNICATION KIT

FLAIR - FLying ultrA-broadband single-shot InfraRed Sensor
GA732968

Deliverable Information	
Deliverable Number: 7.3	**Work Package:** 7
Date of Issue: 27/03/2017	
Document Reference: 732968-FLAIR-D7.3- Dissemination and communication kit	
Version Number: 1.0	
Nature of Deliverable: Document	**Dissemination Level of Deliverable:** Public
Author(s): SenseAir (Alina Misyura)	
Keywords: Dissemination, logo, visual identity, templates, brochure	

Abstract:
The deliverable 7.3 presents the FLAIR project dissemination and communication kit. The purpose of dissemination activities is to raise awareness about the project, understanding and engagement inside and outside the European Union. All beneficiaries are responsible for the project promotion and results of communication activities. This document will be revised every six month and updated.

Document History

Date	Version	Remarks
17/03/2017	0.1	Draft
27/03/2017	1.0	Final version

Document Authors

Entity	Contributors
SenseAir	Alina Misyura Hans Martin

Executive Summary

The deliverable 7.3 presents the FLAIR project dissemination and communication kit. The purpose of dissemination activities is to raise awareness about the project, understanding and engagement inside and outside the European Union. All beneficiaries are responsible for the project promotion and results of communication activities.

SenseAir AB has composed dissemination toolkit in order to help partners with their dissemination efforts. The kit includes:

- Project logo
- Image templates: Headed paper, PowerPoint Presentation
- Factsheet
- Initial press release
- Project website, social networks and project hashtag
- Brochure (will be released on M6)
- Newsletter (will be released on M6)

Colour scheme used for the FLAIR visual identity for the website and in other dissemination materials:

- White
- Black
- Red - #F20000
- Grey - #605E5E
- Lemon yellow - #E7FF6E.

Fonts: Helvetica and Helvetica Bold

Dissemination materials contain acknowledgement about the EU funding.

As of 27/03/2017 this deliverable presents the work done from month 1 to month 5. All materials are available to partners. Some of them such as project brochure and newsletter will be released later (M6). The dissemination and communication kit will be revised every six month and updated.

Table of Contents

List of Tables

List of Figures

List of Acronyms

Acronym	Meaning

Table 1 – List of acronyms.

1 Dissemination materials

1.1 Project logo

Starting from the project logo a visual identity for the FLAIR has been created. The textual part includes the project short name, with red letters “IR” being associated with the an infrared optical sensor.

Figure 1 – FLAIR logo

1.2 Image templates

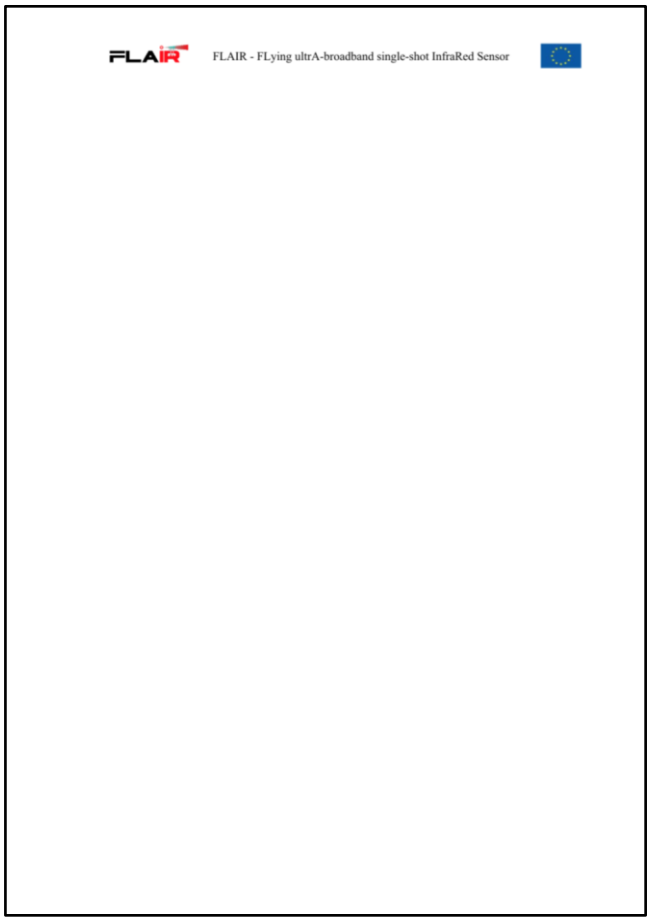
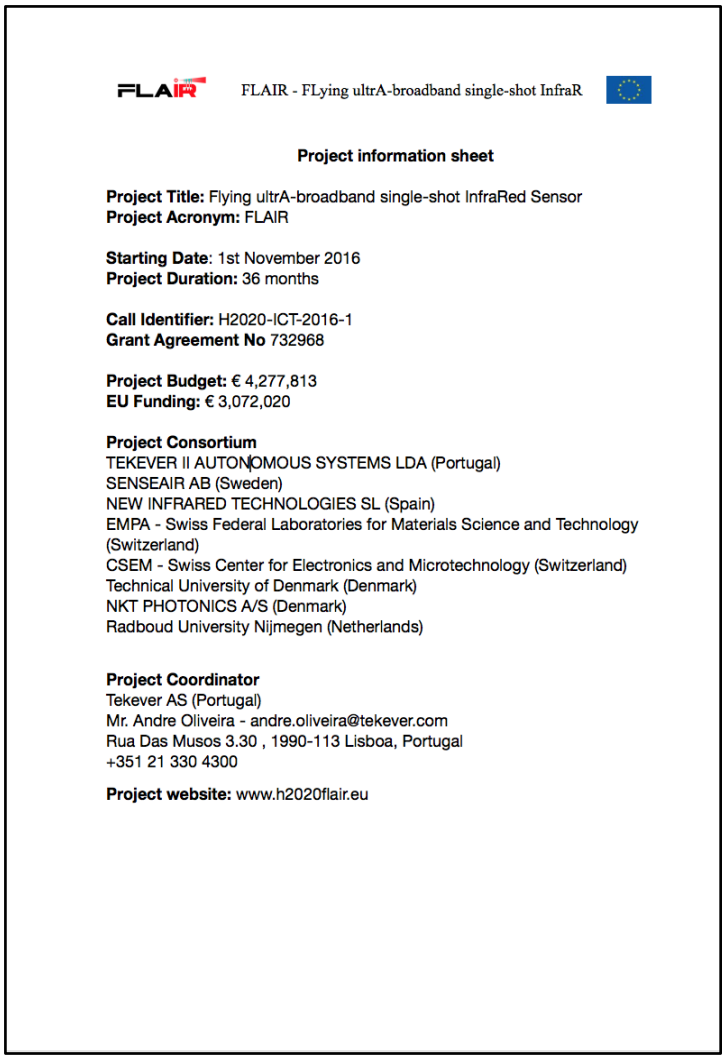


Figure 2 – Document template with header

1.3 Project Power-Point Slides

Figure 3 – Template slides for PowerPoint Presentations

1.4 Project Factsheet



FLAIR - FLying ultrA-broadband single-shot InfraR

Project information sheet

Project Title: Flying ultrA-broadband single-shot InfraRed Sensor
Project Acronym: FLAIR

Starting Date: 1st November 2016
Project Duration: 36 months

Call Identifier: H2020-ICT-2016-1
Grant Agreement No 732968

Project Budget: € 4,277,813
EU Funding: € 3,072,020

Project Consortium
TEKEVER II AUTONOMOUS SYSTEMS LDA (Portugal)
SENSEAIR AB (Sweden)
NEW INFRARED TECHNOLOGIES SL (Spain)
EMPA - Swiss Federal Laboratories for Materials Science and Technology (Switzerland)
CSEM - Swiss Center for Electronics and Microtechnology (Switzerland)
Technical University of Denmark (Denmark)
NKT PHOTONICS A/S (Denmark)
Radboud University Nijmegen (Netherlands)

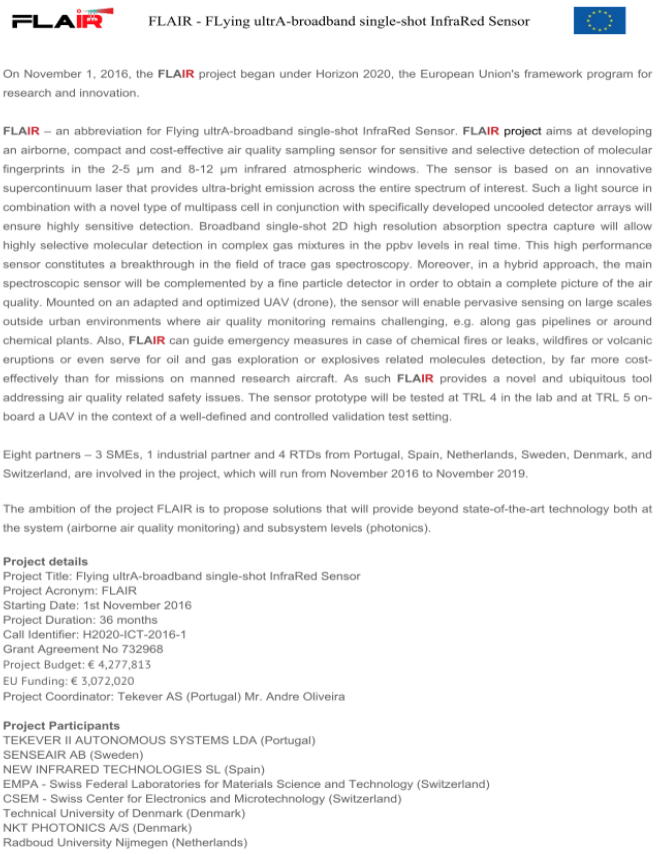
Project Coordinator
Tekever AS (Portugal)
Mr. Andre Oliveira - andre.oliveira@tekever.com
Rua Das Musos 3.30 , 1990-113 Lisboa, Portugal
+351 21 330 4300

Project website: www.h2020flair.eu

Figure 4 – Project factsheet template

1.5 Press release

The initial press release was published on the project website. New press release written in collaboration with MatterPR will be available at the end of March 2017.



FLAIR - FLying ultrA-broadband single-shot InfraRed Sensor

On November 1, 2016, the **FLAIR** project began under Horizon 2020, the European Union's framework program for research and innovation.

FLAIR – an abbreviation for Flying ultrA-broadband single-shot InfraRed Sensor. **FLAIR project** aims at developing an airborne, compact and cost-effective air quality sampling sensor for sensitive and selective detection of molecular fingerprints in the 2-5 µm and 8-12 µm infrared atmospheric windows. The sensor is based on an innovative supercontinuum laser that provides ultra-bright emission across the entire spectrum of interest. Such a light source in combination with a novel type of multipass cell in conjunction with specifically developed uncooled detector arrays will ensure highly sensitive detection. Broadband single-shot 2D high resolution absorption spectra capture will allow highly selective molecular detection in complex gas mixtures in the ppbv levels in real time. This high performance sensor constitutes a breakthrough in the field of trace gas spectroscopy. Moreover, in a hybrid approach, the main spectroscopic sensor will be complemented by a fine particle detector in order to obtain a complete picture of the air quality. Mounted on an adapted and optimized UAV (drone), the sensor will enable pervasive sensing on large scales outside urban environments where air quality monitoring remains challenging, e.g. along gas pipelines or around chemical plants. Also, **FLAIR** can guide emergency measures in case of chemical fires or leaks, wildfires or volcanic eruptions or even serve for oil and gas exploration or explosives related molecules detection, by far more cost-effectively than for missions on manned research aircraft. As such **FLAIR** provides a novel and ubiquitous tool addressing air quality related safety issues. The sensor prototype will be tested at TRL 4 in the lab and at TRL 5 on-board a UAV in the context of a well-defined and controlled validation test setting.

Eight partners – 3 SMEs, 1 industrial partner and 4 RTDs from Portugal, Spain, Netherlands, Sweden, Denmark, and Switzerland, are involved in the project, which will run from November 2016 to November 2019.

The ambition of the project FLAIR is to propose solutions that will provide beyond state-of-the-art technology both at the system (airborne air quality monitoring) and subsystem levels (photonics).

Project details
Project Title: Flying ultrA-broadband single-shot InfraRed Sensor
Project Acronym: FLAIR
Starting Date: 1st November 2016
Project Duration: 36 months
Call Identifier: H2020-ICT-2016-1
Grant Agreement No 732968
Project Budget: € 4,277,813
EU Funding: € 3,072,020
Project Coordinator: Tekever AS (Portugal) Mr. Andre Oliveira

Project Participants
TEKEVER II AUTONOMOUS SYSTEMS LDA (Portugal)
SENSEAIR AB (Sweden)
NEW INFRARED TECHNOLOGIES SL (Spain)
EMPA - Swiss Federal Laboratories for Materials Science and Technology (Switzerland)
CSEM - Swiss Center for Electronics and Microtechnology (Switzerland)
Technical University of Denmark (Denmark)
NKT PHOTONICS A/S (Denmark)
Radboud University Nijmegen (Netherlands)

Figure 5 – Initial press release (available on the FLAIR website)

1.6 Project website, social networks and project hashtag

For project promotion and raising awareness about FLAIR, the website and social networks are also considered to be communication tools.

Project website was launched on 9th of March 2017, and available at the address - www.h2020flair.eu

- LinkedIn - https://www.linkedin.com/groups/12037824
- Facebook - https://www.facebook.com/FLAIR-H2020-Project-781763035324206/
- Twitter - https://twitter.com/h2020_FLAIR
- Project hashtag - #h2020_FLAIR

1.7 Project description figure

The following picture is used to illustrate FLAIR concept

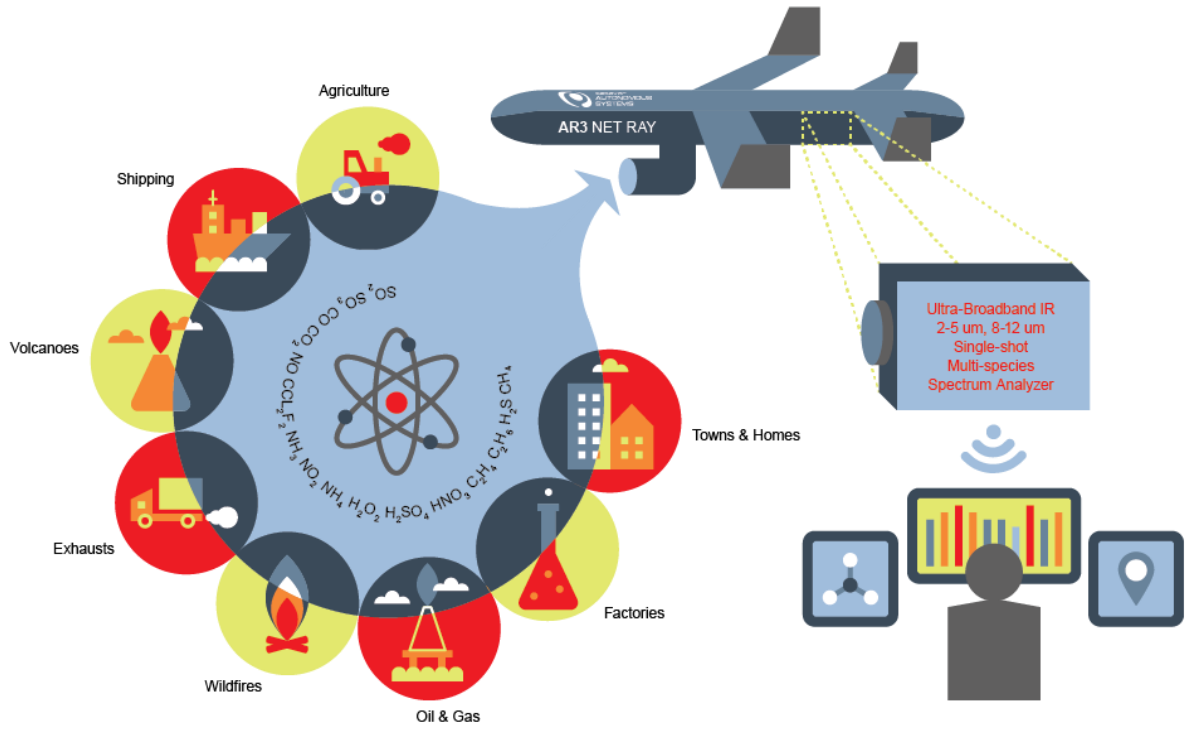


Figure 6 – FLAIR illustration

1.8 Brochure

The project Brochure will be downloadable from the project website, when released (M6). It used by the consortium members for distribution at conferences, workshops and other events within and outside of the scientific community.

1.9 Newsletter

The project Brochure and Newsletter will be downloadable from the project website, when released (M6).

2 Conclusion

Maintenance of the FLAIR dissemination and communication kit is a continuous task. The content will be revised every six month and continue to develop throughout the project life.