The MAAT Project
Multibody Advanced Airship for Transport
Dissemination Overview M19-M24
Published Articles (D 9.7)

D 9.7 „Evaluation of Scientific Dissemination“ was released in M 24 (Aug. 2013), covering scientific dissemination from M1 to M18

Results: **40 scientific articles** were published, 8 articles were „in press“ or „under review“ at the end of M 18
18 Conferences had been attended in M1 to M18, e.g.

- SAE 2011 AeroTech Congress & Exhibition, October 2011
- SAE 2012 Aerospace and Defense Ground Support Equipment Conference
- 6th International Conference on Advanced Computational Engineering and Experimenting
The project website counts a total of **1,394 visits** from M 19 to M 24 (March to August 2013), which marks an increase in visits of plus 188% (=484 visits) as compared to the same timeframe in 2012.

The visits originate from **75** different countries, access occurred mainly from Western Europe, the United States, and Russia.

From project start until M24, a total of **3,344 visits**, originated by 2,764 visitors, showed interest in the website.
Website Statistics M19-M24

2,765 Personen haben diese Website besucht

Distribution Invitation / AERO Friedrichshafen

2nd Newsletter sent
2nd Newsletter released to 11th Sep. 2013 to 1.300 stakeholders
Social Networks

Followers will be informed on latest news, especially concerning announcements of events, via twitter -> currently 15 followers.
Social Networks

Platform facebook: 306 likes, but needs update!
6 videos and animations are currently available on youtube.

[YouTube search for "maat airship"]
Posters are also available as downloads on the website.
latest news of project partners included – keep us informed!

24-26 Sep. 2013 - MAAT at SAE Aerotech

MAAT Project (Multibody Advanced Airship for Transport)
Roll-up layout was made available to all project partners for their own distribution purposes.
Press Release

press release announcing workshop on Cordis Wire, information platform of the EU.

Press Release

Publication Date: 2013-04-16

On the 26th April 2013, the MAAT Consortium (Multibody Advanced Airship for Transport) is organizing a workshop entitled "Cruiser/feeder airship and innovative propulsion for greening the future EU transport". The workshop will take place in the framework of the General Aviation fair AERO Friedrichshafen.

The workshop will debate topics related to airship advanced research:

- High altitude hydrogen airship: the future of the green aeronautics
- Pneumatic Energy System for airships
- Cabins, Crews, and Transfer systems: Docking in the Stratosphere
- MAAT control system
- Hydrogen in MAAT Project: Safety Measures
- Computer modeling and optimization methods in green air transport development
- ACHERON - thrust vectoring green propulsion system
- CROP - Cylindrical Rotors for propulsion of future air-vehicles
- The Future of Air Transport – European Vision

The workshop is jointly organized with the MAAT-sister projects, namely CROP - Cylindrical Rotors for propulsion of future air-vehicles (http://gipper.cordis.europa.eu) and ACHERON - Aircraft Coupled High Efficiency Thrust vectoring jet nozzle (http://acheron.eu). The three projects are research breakthroughs and emerging technologies for radical new concepts in the air transport.
Events M19-24

Intermediate Meeting at AERO Friedrichshafen, combined with fair presence
Events M19-24
Public Workshop

Public Workshop at AERO Friedrichshafen – Results –
Eight Questionnaires were sent out -> we got five responses

Questions and Answers:

How satisfied were you with the workshop content?

“satisfied” to “very satisfied”

How satisfied were you with the method of combining presentation with participatory discussion/ exercises?

“satisfied”
How did you find out about our Workshop?

most via “invitation”, also “website” and “official program of the AERO”

What do you think, how helpful was the Workshop for your work, research, hobby or studies?

“useful”

Please indicate the best three speeches (rank in order of preferences)?

1) CROP - Cycloidal Rotors for propulsion of future air-vehicles
2) ACHEON thrust vectoring green propulsion system
3) Paving the way for future solar powered airships

How did you perceive the information and assistance received prior to the workshop?

“good”
MAAT supports EU-project Promo-Air:

Dissemination of EC funded research results so that to raise the interest of young Europeans and promote careers in aeronautics and air transport research.
Other Activities – Aviation Award 2014
“Green modes of transport“

Submission deadline
10th of January 2014

Prizes
Three prizes will be awarded constituting a total purse of EUR 150,000.

The submitted documents shall be evaluated according to the following criteria:

- Innovative achievement:
  - Originality
  - Market maturity
  - Environmental benefit
  - Customer benefit

Contest declarations needed,
Signature from the Consortium!
Other Activities – Skylifter

SL18 - Vikki

- surface 600 m²
- volume of the aerostat is 600 m³
- weight ~ 150 kg + various other systems total lifted mass to 200 – 250 kg
- tests with hydrogen were already performed

Reasons:

I. Learn to handle this tethered prototype on the ground, and
II. realize tests outside a hangar.

The new General Presentation is available and can be downloaded from Data Repository and website.
Thank you for your attention!