



AI HLEG Meeting

8 October 2018 – 13.00 to 18.00

AI Forum – Dipoli, Helsinki



Agenda

- A. Overview of the Big picture (13.00 – 13.30)**
- B. Timeline (13.30 – 14.00)**
- C. Break-out Sessions (14.00 – 17.00)**
 - Coffee Break: 15.20 – 15.40
- D. Preparation of Dinner with Member States**
Preparation of Lunch with Commissioner
Any other question (17.00 – 18.00)

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Trusted AI

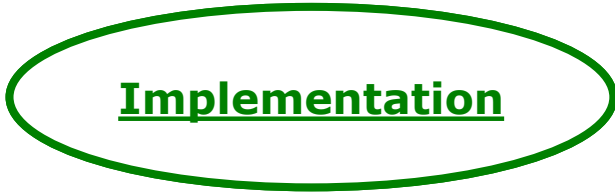


Intent

*Regulated Ex Ante:
Roman Law Style*

Ensure ethical intent
when developing/using
AI, in line with:

Core Values

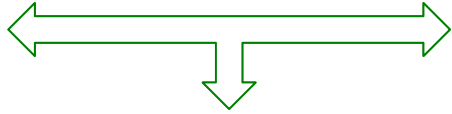


Implementation

*Regulated Ex post:
Common Law Style*

Ensure
proper implementation of
values & principles when
developing/using AI

Responsible/Compliant
& Robust AI



Mechanisms

*Before: Design
During: Auditability
After: Traceability*

Comprehensive Check List/Guidelines based on Use Cases

Red Lines

A. Overview of the Big Picture

Table of Content for the **Guidelines**, coordinated by Nozha

1. Core Values for Trusted AI (Intent)

Rapporteurs: Aimee & Nicolas

2. Implementation of Trusted AI

Rapporteurs: Virginia & Jean-François

3. Checklist based on Use Cases

Rapporteurs: Cécilia & Saskia

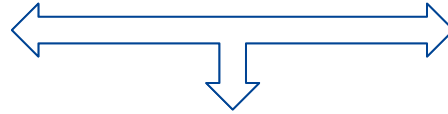
4. Red Lines

Rapporteurs: Thomas & Urs

Recommendations

Impacts

- Business Side
 - 75% Companies w/o AI
 - 25% Companies using AI
 - Ecosystems
- Public Side
 - Incl. Public2Citizens
- World-class Research Capability
- Citizen Engagement



Enablers

- Funding & Investment
- Data and Physical Infrastructure
- Skills & Education
- Policy & Regulation

Identify
meaningful
actions

| | A | B | C | D |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

Comprehensive Set of Recommendations

**Underpinned by Governance Mechanism
for continuity & collective memory of the bigger picture**

A. Overview of the Big Picture

Table of Content for the **Recommendations**, coordinated by Barry

1. Building an Impact

1.1 Business Side Impact

Rapporteurs: Ieva & Loubna

1.2 Public Side Impact

Rapporteurs: Leo & Françoise

1.3 World Class Research Impact

Rapporteurs: Fredrik & Sami

1.4 Citizen engagement Impact

Rapporteurs: Catelijne & Virginia

2. Leveraging our Enablers

2.1 Funding & Investment Enabler

Rapporteurs: Maria & Markus

2.2 Data and Infrastructure Enabler

Rapporteurs: Françoise & Philipp

2.3 Skills and Education Enabler

Rapporteurs: Sabine & Thiébaud

2.4 Regulation Enabler

Rapporteurs: Cécilia & Ursula

3. The Recommendations

A. Overview of the Big Picture

- **Sub-groups to discuss:**
 - Public Side Impact
 - So far only low interest shown, even though crucial topic
 - Citizen Engagement
 - We have identified the Rapporteurs (Catelijne & Virginia) but only low interest shown by contributors
 - Change of name to reflect purpose: **AI for the good of EU citizens**

A. Overview of the Big Picture

- **What about "Vision"?**
 - Input to be provided to Nathalie **by 21 October 2018** (= 1st Wave Deadline).
 - AI HLEG Chairs will compile, synthesize, and come with a first proposal based on approaches & inputs received.
 - Next steps & proposed method of finalising this part, will be communicated at that stage, depending on approaches/inputs suggested.

A. Overview of the Big Picture

- **Working Methodology - Available tools:**
 - **Google Docs**
 - Optional
 - **Circa BC**
 - Mandatory
 - Not all the same features as Google Docs, but has some useful features.
 - Rapporteurs to ensure that latest version of documents on CircaBC
 - Communication via CircaBC rather than email

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D. Preparation of Dinner with Member States

Preparation of Lunch with Commissioner

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B. Timeline

Three waves of Content Building

1. First Wave (by 21 October)

- Sub-groups lead by Rapporteurs and coordinated by the Vice-Chairs
- Writing Instructions: provided for each sub-group
- Help-line re fact-finding: McKinsey, Accenture & others
- Send sections to Nathalie on 21 October the latest – Master version to be circulated thereafter for comments

2. Second Wave (by 16 November)

- Take stock of content we have and content we still need: filling in the missing pieces that enable us to prepare the Check-List for Guidelines & the Recommendations
- First draft of Check-List & Recommendations

3. Third Wave (by 3 December)

- Finalising concrete Check-List & Recommendations, and finalising details in the overall structure

Roadmap

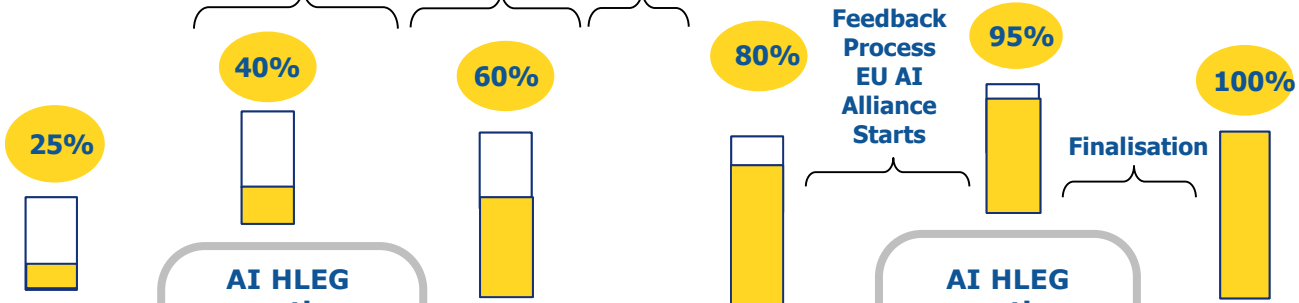
WORK PROGRESS

MEETINGS

First Wave
21 October

Second Wave
16 November

Third Wave
3 December



Feedback Process
EU AI
Alliance
Starts

Finalisation

27 June

20 Sept

8 Nov

13 & 14 Dec

March 2019

May 2019

AI HLEG
meeting
(incl. joint
meeting
DEI+AI DG's)

Helsinki
8-9 Oct

AI HLEG
Meeting

AI HLEG
Workshop
& Meeting

AI HLEG
meeting
(incl. joint
meeting
DEI+AI DG's)

Brussels
22 Jan 2019

First meeting AI
HLEG: Kick-off draft
ethics guidelines
and AI Policy &
Investment
Recommendations
Brussels

AI HLEG
Workshop

Agree on 1st
Draft ready
to be shared
for public
consultation

Annual Alliance Assembly
Presentation of Guidelines
Brussels

Presentation AI policy &
investment Recommendations
Brussels

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C. Break-out Sessions

Break-out Sessions 1: from 14.00 to 15.20

- ✓ Core Values (Aimee & Nicolas)
- ✓ Red Lines (Urs & Thomas)
- ✓ Business Side Impact (Ieva & Loubna)
- ✓ World-Class Research Impact (Fredrik & Sami)
- ✓ Regulation Enabler (Ursula & Cécilia)

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TAKKA
POLI

Coffee break: 15.20 to 15.40 -> Capitolium

Break-out Sessions 2: from 15.40 to 17.00

- ✓ Implementation of Trusted AI (Virginia & JF)
- ✓ Checklist based on Use-Cases (Cécilia & Saskia)
- ✓ Data & Infrastructure Enabler (Philipp & Françoise)
- ✓ Funding & Investment Enabler (Maria & Markus)
- ✓ Skills & Education Enabler (Sabine & Thiébaud)

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AT 17.00 -> Back in SIEF



European
Commission

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D. Preparation of MS Working Dinner

- **Participants:**
 - AI HLEG & Member States Group on DEI & AI (mixed tables)
- **MS Group:**
 - Coordinated Plan on AI by the end of the year
 - Adopting & aligning national strategies on AI
 - Identifying Common areas of interest to cooperate
 - Priority domains for action:
 - Data, Research & Innovation ecosystems, Access to know-how and testing, Investment, Skills for AI, Regulatory framework...
- **Meeting Structure:**
 - Introduction by Chairs, then opportunity for discussion and feedback on MS work & AI HLEG work

D. Preparation of Lunch with Commissioner Gabriel

- **Participants:**
 - AI HLEG & the Commissioner
- **Commissioner Gabriel**
 - She set up & nominated AI HLEG with Vice-President Ansip
 - Responsible for Digital Economy & Society
- **Meeting Structure:**
 - Introduction by Commissioner, then Chairs, then discussion and feedback on the measures that Europe should take to tackle the challenges and opportunities of AI.

Side Note: European AI Alliance

- **Your role?**

- AI HLEG = steering group of the European AI Alliance
- Alliance as bridge between AI HLEG and all interested stakeholders
- AI HLEG should urge stakeholders to become a member
- Important to seek interaction with/validation of relevant stakeholders

How to contribute:

- Blogposts in the BLOG section (*editing rights needed*)
- Reply to questions/discussions in the FORUM (*no editing rights needed*)
- Rapporteurs: use the Alliance as a helpful tool - Seek input on specific issues/questions for your sub-group to help drafting your section in the FORUM

By end of the year → consultation on draft deliverable

Practical Note

- **Dinner: Room REIMA**
 - Colour Code Table Seating
 - **AI HLEG: BLUE**
 - MS: RED
 - Commission: YELLOW
 - Dietary requests
 - Green card @ Nathalie
- **Tomorrow at 13.00: Lunch with Commissioner & AI HLEG meeting with debrief Break-outs @ SIEF**
- **Don't forget Signature!**

Any Other Question?

End of AI HLEG Meeting

Thank You!



AI HLEG

Working Lunch with Commissioner Gabriel

9 October 2018 – 13.00 to 14.15

AI Forum – Dipoli, Helsinki



Agenda

- Welcome by Commissioner Mariya Gabriel
- Welcome by the AI HLEG Chair, Pekka Ala-Pietilä
- Introduction to the AI HLEG Deliverables:
 - **Draft AI Ethics Guidelines for Trusted AI, by Vice-Chair Nozha Boujema**
 - **AI Policy & Investment Recommendations, by Vice-Chair Barry O'Sullivan**
- Open discussion:
 - **Which measures should Europe take to ensure AI's benefits and tackle AI's challenges in Europe?**
- Concluding Remarks by Commissioner Gabriel

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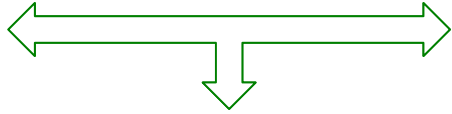


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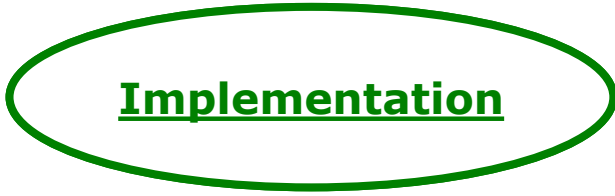
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B. Data and Physical Infrastructure

C. Skills & Education

D. Policy & Regulation

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End of AI HLEG Lunch with Commissioner Gabriel

Thank You!



AI HLEG Meeting

9 October 2018 – 14.15 to 15.30

AI Forum – Dipoli, Helsinki



Debrief & Open Questions from Break-out Sessions

Draft AI Ethics Guidelines for Trusted AI

- ✓ Core Values & Principles Aimee & Nicolas
- ✓ Implementation of Trusted AI Virginia & Jean-François
- ✓ Checklist based on Use-Cases Cécilia & Saskia
- ✓ Red Lines Urs & Thomas

Debrief & Open Questions from from Break-out Sessions

AI Policy & Investment Recommendations

- ✓ Business Side Impact Ieva & Loubna
- ✓ World-Class Research Impact Fredrik & Sami
- ✓ Funding & Investment Enabler Maria & Markus
- ✓ Data & Infrastructure Enabler Philipp & Françoise
- ✓ Skills & Education Enabler Sabine & Thiébaud
- ✓ Regulation Enabler Ursula & Cécilia

Practical Note

- **Deadline: 21 October**
 - Draft Sections of the Deliverables to be sent to Nathalie
 - Input for "Vision" to be sent to Nathalie
- **Don't forget Signature!**
- **Concluding Remarks: Room KALEVA**

Any Other Question?

End of AI HLEG Meeting

Thank You!