TREBA LI REGULIRATI RAZVOJ I PRIMJENU UMJETNE INTELIGENCIJE?

LIDER
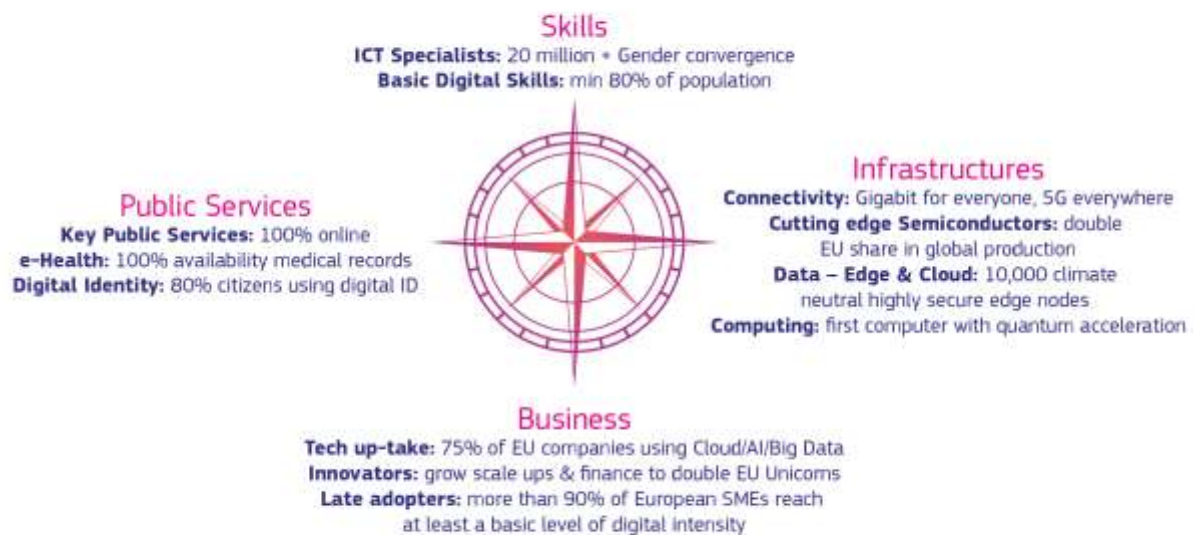
HRVATSKA U GLOBALNOJ AI-RENI
G.R.I.D. FORUM
ZAGREB, GARDEN INN

24/05/2023

Europe's Digital Decade: digital targets for 2030*

"Europe aims to empower businesses and people in a human-centred, sustainable and more prosperous digital future."

https://ec.europa.eu/info/strategy/priorities-2019-2024/europe-fit-digital-age/europes-digital-decade-digital-targets-2030_en (slide 2-4)

DIGITAL COMPASS FOR THE EU'S DIGITAL DECADE

Skills
ICT Specialists: 20 million • Gender convergence
Basic Digital Skills: min 80% of population

Infrastructures
Connectivity: Gigabit for everyone, 5G everywhere
Cutting edge Semiconductors: double
EU share in global production
Data – Edge & Cloud: 10,000 climate
neutral highly secure edge nodes
Computing: first computer with quantum acceleration

Public Services
Key Public Services: 100% online
e-Health: 100% availability medical records
Digital Identity: 80% citizens using digital ID

Business
Tech up-take: 75% of EU companies using Cloud/AI/Big Data
Innovators: grow scale ups & finance to double EU Unicorns
Late adopters: more than 90% of European SMEs reach
at least a basic level of digital intensity

EU DECLARATION ON DIGITAL RIGHTS AND PRINCIPLES FOR THE DIGITAL DECADE

Digital citizenship: rights and principles for Europeans

On 26 January 2022, the Commission proposed an inter-institutional solemn declaration on digital rights and principles for the digital decade.

People at the centre

Digital technologies should **protect people's rights, support democracy, and ensure that all digital players act responsibly and safely.** The EU promotes these values across the world.

Freedom of choice

People should benefit from a **fair online environment, be safe from illegal and harmful content,** and be empowered when they interact with new and evolving technologies like artificial intelligence.

Safety and security

The digital environment should be **safe and secure.** All users, from childhood to old age, should be empowered and protected.

Solidarity and inclusion

Technology should **unite, not divide, people.** Everyone should have access to the internet, to digital skills, to digital public services and to fair working conditions.

Participation

Citizens should be able to **engage in the democratic process** at all levels and have **control over their own data.**

Sustainability

Digital devices should support **sustainability** and the **green transition.** People need to know about the environmental impact and energy consumption of their devices.

„Europa postane spremna za digitalno doba"
regulatorni HOROR- problem nepostojanja single market-a u regulativi

PROPIS	STATUS
Akt o digitalnim uslugama (eng. DSA)	uskoro stupaju na snagu- direktna primjena
Akt o digitalnim tržištima (eng. DMA) *	uskoro stupaju na snagu- direktna primjena
Uredba o primjeni UI (eng. AI Act)	u donošenju
Dorade GDPR-a	u tijeku
Uredba o strojevima (eng. Machinery Act)	u donošenju
Uredba o podacima (eng. Data Act)	u donošenju....

*(dva stupa Paketa uredbi o digitalnim uslugama čija je svrha da „Europa postane spremna za digitalno doba" uskoro stupaju na snagu te ostatak Paketa čine izmjene odredbi o zaštiti potrošača u području digitalnih usluga koje stupaju na snagu 28.

www.clipartof.com · 1235081

AI "made in Europe"

pokrenuta INICIJATIVA EU-a ZA UMJETNU INTELIGENCIJU

potpisana Izjava o suradnji na području umjetne inteligencije od 10.travnja 2018. godine (Hrvatska potpisala 16.srpnja 2018.)

osnovana Stručna skupina na visokoj razini o umjetnoj inteligenciji Europske komisije (AI HLEG), koja broji 52 člana ima mandat od Europske komisije izraditi:

ETIČKE SMJERNICE ZA UMJETNU INTELIGENCIJU, konačna verzija objavljena 09.travnja 2019.

PREPORUKE ZA POLITIKE I ULAGANJA LIPANJ 2019.

WHITE PAPER VELJAČA 2020. (eco system of trust and ecosystem of excellence)

Prijedlog Uredbe o Umjetnoj inteligenciji objavljena 21.travnja 2021. (donošenje prosinac 2023?)

DRAFT REGULATION ON AI (*hrv. PRIJEDLOG UREDBE O UI*) ili *what's in it for me?*

- NLF novi regulatorni okvir

- Definicija UI

- RISK BASED APPROACH

- EU i nacionalna UI tijela- pitanje edukacije i kapaciteta

- EU registar HR AI SYSTEMS (registar visoko rizičnih sustava UI)

- Nove skupe obveze usklađivanja (compliance AI)

- 106+ stranica teksta....

https://www.hansonrobotics.com/sophia/

AI ACT
AI definition= OECD model definition

- „‘'Artificial intelligence system' (AI system) means a machine-based system designed to operate with varying levels of autonomy and that can, for explicit or implicit objectives, generate outputs such as predictions, recommendations, or decisions, that influence physical or virtual environments."

- *Plot twist*

- *Remarkably, the OECD is already thinking about tweaking its AI definition. Therefore, EU lawmakers adjusted the wording to anticipate the organisation's future wording."*

- *https://www.euractiv.com/section/artificial-intelligence/news/ai-act-moves-ahead-in-eu-parliament-with-key-committee-vote/*

High-risk obligations

- „The European Parliament's text made the **obligations for high-risk AI providers much more prescriptive**, notably in risk management, data governance, technical documentation and record keeping.

- A completely new requirement was introduced for users of high-risk AI solutions **to conduct a fundamental rights impact assessment considering aspects such as the potential negative impact on marginalised groups and the environment**."

- *https://www.euractiv.com/section/artificial-intelligence/news/ai-act-moves-ahead-in-eu-parliament-with-key-committee-vote/*

Governance and enforcement

- AI Office, a new body that would fall little short of an EU agency.

- During the negotiations, the AI Office's tasks have been significantly slashed due to the lack of room for manoeuvre on the EU budget. Thus, the AI Office was limited to a supporting role, such as providing guidance and coordinating joint investigations.

- By contrast, the Commission was tasked with settling disputes among national authorities on dangerous AI systems.

- *https://www.euractiv.com/section/artificial-intelligence/news/ai-act-moves-ahead-in-eu-parliament-with-key-committee-vote/*

AI "made in Europe"

1. Ljudsko djelovanje i nadzor
2. Tehnička otpornost i sigurnost
3. Privatnost i upravljanje podacima
4. Transparentnost
5. Raznolikost, nediskriminacija i pravednost
6. Dobrobit društva i okoliša
7. Odgovornost

Gdje je tu inovacija i hoće li ona preživjeti donošenje Uredbe o UI?

„In light of the speed of technological change and possible challenges, the EU is committed to strive for a balanced approach. It is in the Union interest to preserve the EU's technological leadership and to ensure that Europeans can benefit from new technologies developed and functioning according to Union values, fundamental rights and principles."

Je li to zaista tako? Prosudite sami, i sjetite se slide-a s aktima u donošenju....

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