- Public. Organisation details and respondent details may be published: The type of respondent that you responded to this consultation as, the name of the organisation on whose behalf you reply as well as its size, its presence in or outside the EU and your contribution may be published as received. Your name will also be published.
- Not applicable

Privacy statement

I acknowledge the attached privacy statement.

<u>Privacy Statement.pdf (/eusurvey/files/67b19e1a-8404-4c2d-974c-174ff38f6717)</u>

Questionnaire

Section 1. Questions in relation to the definition of an AI system

The **definition of an Al system** is key to understanding the scope of application of the Al Act. It is a first step in the assessment whether an Al system falls into the scope of the Al Act.

The definition of an 'AI system' as provided in Article 3(1) AI Act is aligned with the OECD definition: 'AI system means a machine-based system that is designed to operate with varying levels of autonomy and that may exhibit adaptiveness after deployment, and that, for explicit or implicit objectives, infers, from the input it receives, how to generate outputs such as predictions, content, recommendations, or decisions that can influence physical or virtual environments.'

Recital 12 provides further clarifications on the definition of an Al system.

The following seven elements can be extracted from the definition:

- 1) 'a machine-based system'
- 2) 'designed to operate with varying levels of autonomy'
- 3) 'may exhibit adaptiveness after deployment',
- 4) 'for explicit or implicit objectives',
- 5) 'infers, from the input it receives, how to generate outputs'
- 6) 'predictions, content, recommendations, or decisions'
- 7) 'can influence physical or virtual environments'

Question 1: Elements of the definition of an Al system

The definition of the AI system in Article 3(1) AI Act can be understood to include the above mentioned main elements. The key purpose of the definition of an Al system is to provide characteristics that distinguish AI systems from 'simpler traditional software systems or programming approaches'. A key distinguishing characteristic of an AI system is its capability to infer, from the input it receives how to generate outputs. This capability of inference, covers both the process of obtaining output in the post-deployment phase of an AI system as well as the capability of an AI system to derive models or algorithms or both from inputs or data at the pre-deployment phase. Other characteristics of an AI system definition such as the system's level of autonomy, type of objectives, and degree of adaptiveness, help to define main elements of the AI system as well as to provide clarity on the nature of the AI system but are not decisive for distinguishing between AI systems and other type of software systems. In particular, AI systems that are built on one of the AI techniques but remain static after deployment triggered questions related to the scope of the Al Act, understanding of the concept of inference and the interplay between the different characteristics of the AI system definition. The guidelines are expected to provide explanation on the main elements of the AI system definition.

1.1: Based on Article 3(1) and Recital 12 Al Act, what elements of the definition of an Al system, in particular, require further clarification in addition to the guidance already provided in Recital 12?

Elements of an Al system - please rate the importance of further clarification from 1 to 10, 10 indicating 'most important':

'a machine base Only values be	ed system' etween 1 and 10 are allowed	
8		
'designed to ope	erate with varying levels of autonomy'	
Only values be	etween 1 and 10 are allowed	
10		
'may exhibit ada	ptiveness after deployment'	
Only values be	etween 1 and 10 are allowed	
10		

'for explicit or implicit objectives'

Only values between 1 and 10 are allowed

'infers, from the input it receives, how to generate outputs'

Only values between 1 and 10 are allowed

10

'predictions, content, recommendations, or decisions'

Only values between 1 and 10 are allowed

1

'can influence physical or virtual environments'

Only values between 1 and 10 are allowed

1

Explain why one or more of these elements require further clarification and what part of this element needs further practical guidance for application in real world applications?

1,500 character(s) maximum

Our members would welcome clarification on the following:

Re. "machine based system": Please clarify this definition and provide examples of AI which does not rely on a "machine-based system" (see also response to Q2 below).

Re "inference":

Please clarify the definition of "infers", particularly the Commission's view of the difference between "basic data processing" and "a model that infers".

Re "autonomy": Please clarify the definitions of "autonomy" and particularly the term, "varying levels of autonomy". In our members view, any AI model that relies entirely on human input for its design and training (eg. To preprocess data, select features and interpret results), and which does not have capacity to take decisions independently which directly influence the final user, should not be considered autonomous, and therefore should not be considered an AI system.

Re: "adaptiveness after deployment": Please specifically clarify the definition of "may exhibit adaptiveness". We would propose that "may" is replaced with "does", to ensure that systems that could theoretically be programmed to be adaptive but are not used in that manner would not meet this definition. For example, most models that our members deploy require significant Governance overview before deployment, and hence any changes to the model are not permitted without significant human oversight and sign-off.

Question 2: Simple software systems out of scope of the definition of an Al system

The AI Act does not apply to all software systems but only to systems defined as 'AI systems' in accordance with Article 3(1) AI Act. According to recital 12, the notion of AI system should be distinguished from 'simpler traditional software systems or programming approaches and should not cover systems that are based on the rules defined solely by natural persons to automatically execute operations'. In particular the use of statistical methods, such as logistic regression, triggered questions related to the conditions under which certain software systems should be considered out of the scope of AI system definition. The Commission guidelines are expected to provide methodology for distinguishing AI systems from simpler traditional software systems or programming approaches and thus would help define systems that are outside the scope of the AI Act.

Please provide examples of software systems or programming approaches that **does not fall** under the scope of the AI system definition in Article 3(1) AI Act and explain why, in your opinion, the examples are not covered by one or more of the seven main elements of the definition of an AI system in Article 3(1) AI Act.

1,500 character(s) maximum

Simpler techniques such as, but not limited to, linear & logistic regression and decision trees should not be defined as "AI" and would instead fall under the definition of "basic data processing" in Recital 12. These techniques are not autonomous, nor exhibit adaptiveness after deployment, providing "autonomy" and "adaptiveness" are clarified in line with our response to Q1.

Their functionality is contingent upon human-controlled input variables (data, modelling assumptions), that guide the model's predictions. These human-designed models operate strictly within predefined boundaries, producing consistent outputs based solely on the programmed rules. Given identical input data, the system will consistently yield the same output, reinforcing the assertion that it lacks any form of autonomy.

Because these techniques are based on human defined rules and well understood mathematical principles, they are transparent and easily understandable. Therefore, they do not present the same explainability concerns that more advanced AI systems may have.

Further, they do not exhibit adaptiveness after deployment. Once the model is specified and trained, its structure remains fixed and cannot adapt or change over time without human input. It cannot automatically learn or discover new patterns or relationships in the data beyond what it was initially trained on. Hence, it is our view that any technique that meets this criteria should not be in scope of the definition of AI.

Section 2. Questions in relation to the prohibitions (Article 5 Al Act)

Article 5 AI Act prohibits the placing on the EU market, putting into service, or the use of certain AI systems that can be misused and provide novel and powerful tools for manipulative, exploitative, social control and/or surveillance practices.

The Commission guidelines are expected to include an introductory section explaining the general interplay of the prohibitions with other Union legal acts, the high-risk category and general-purpose AI systems as well as relevant specifications of some horizontal concepts such as provider and deployer of AI systems, 'placement on the market', 'putting into service' and 'use' and relevant exceptions and exclusions from the scope of the AI Act (e.g. research, testing and development; military, defense and national security, personal non-professional activity).

Pursuant to Article 5(1) Al Act, the following practices are prohibited in relation to Al systems:

Article 5(1)(a) – Harmful subliminal, manipulative and deceptive techniques

Article 5(1)(b) - Harmful exploitation of vulnerabilities

Article 5(1)(c) - Unacceptable social scoring

Article 5(1)(d) – Individual crime risk assessment and prediction (with some exceptions)

Article 5(1)(e) – Untargeted scraping of internet or CCTV material to develop or expand facial recognition databases

Article 5(1)(f) – Emotion recognition in the areas of workplace and education (with some exceptions)

Article 5(1)(g) – Biometric categorisation to infer certain sensitive categories (with some exceptions)

Article 5(1)(h) – Real-time remote biometric identification (RBI) in publicly accessible spaces for law enforcement purposes (with some exceptions)

This section includes questions on each of the aforementioned prohibitions separately and one final question pertaining to all prohibitions alike and the interplay with other acts of Union law.

A. Questions in relation to harmful subliminal, manipulative or deceptive practices

The prohibition under Article 5(1)(a) AI Act targets AI systems that deploy subliminal techniques, purposefully manipulative or deceptive techniques that materially influence behaviour of people or aim to do so in significantly harmful ways. The underlying rationale of this prohibition is to protect individual autonomy and well-being from manipulative, deceptive and exploitative AI practices that can subvert and impair individuals' autonomy, decision-making, and free choice.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(a) AI Act:

- Rationale and objectives of the prohibition
- Main elements of the prohibition
 - Al systems deploying subliminal, purposefully manipulative and deceptive techniques
 - with the objective or the effect of materially distorting behaviour
 - in a manner (reasonably likely to) cause significant harm
- · AI systems out of scope of the prohibition
- Interplay with other Union law (e.g. data protection, consumer protection, digital services regulation, criminal law)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(a) Al Act to apply:

- 1) The activity must constitute 'placing on the market' (Article 3(9) Al Act), 'putting into service' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.
- 2) The AI system must 'deploy **subliminal techniques** beyond a person's consciousness (e.g. deploying imperceptible images or audio sounds), **purposefully manipulative** (e.g. exploiting cognitive biases, emotional or other manipulative techniques) or **deceptive techniques**' (e.g. presenting false and misleading information to deceive individuals and influence their decisions in a manner that undermines their free choices). These techniques are alternative, but they can also apply in combination.
- 3) The techniques deployed by the AI system should have the objective or the effect of materially distorting the behaviour of a person or a group of persons. The distortion must appreciably impair their ability to make an informed decision, resulting in a decision that the person or the group of persons would not have otherwise made. This requires a substantial impact whereby the technique deployed by the AI system does not merely influence a person's (or group of persons) decision, but should be capable of effectively undermining their individual autonomy and ability to make an informed and independent free choice. This suggests that 'material distortion' involves a degree of coercion, manipulation or deception that goes beyond lawful persuasion that falls outside the ban.
- 4) The distorted behaviour must cause or be reasonably likely to cause significant harm to that person, another person, or a group of persons. In this context, important concepts that will be examined in the guidelines are the types of harms covered, the threshold of significance of the harm and its reasonable likelihood from the perspective of the provider and/or the deployer. 'Significant harms' implies sufficiently important adverse impacts on physical, psychological health or financial interests of persons and groups of persons that can be compound with broader group and societal harms. The determination of 'significant harm' is fact and context specific, necessitating careful consideration of each case's individual circumstances.

For the prohibition to apply, all elements must be in place and there must be a causal link between the techniques deployed, the material distortion of the

behaviour of the person and the significant harm that has resulted or is reasonably likely to result from that behaviour.

manip Pleas	existion 3: Taking into account the provisions of the AI Act, what elements of the prohibition of harmful coulation and deception do you think require further clarification in the Commission guidelines? The select all relevant options from the list placement on the market, putting into service or use of an AI system deploying subliminal, purposefully manipulative or deceptive techniques with the objective or the effect of materially distorting behaviour of a person or groups of persons in a manner that causes or is reasonably likely to cause significant harm none of the above The explain why the elements selected above require further clarification and what needs to be further
clarifi	ed in the Commission guidelines? 00 character(s) maximum
(Our members would never knowingly engage in harmful, subliminal, manipulative or deceptive Practices and are compliant with existing Financial Regulations prohibiting behaviour of this nature.
1	Notwithstanding the above, clarity is requested on the following areas:
1	Clarity on the terms highlighted in Q3, ie. What is meant by each, can the EC provide examples and threshold conditions for when a system would fall into scope?
:	re "materially distorting behaviour": Is the scope of this only include influencing to make a decision that wouldn't otherwise have been made, and then reasonably likely to cause them harm? Please provide some examples of such actions.
	Does this definition require there to have been some element of intent to deceive? For example, Art 5(1a) implies that intent needs to be present, while Art. 5(1b) does not.
1	Re "significant harm" - Would like to understand where the Commission sees the threshold conditions on what constitutes "harm" and what then constitutes "significant harm".
	tion 4: Do you have or know <u>concrete examples of AI systems</u> that in your opinion fulfil all elements of rohibition described above? Yes No
descr	re specify the concrete AI system, how it is used in practice and how all the necessary elements ribed above are fulfilled 00 character(s) maximum

Question 5: Do you have or know <u>concrete examples of AI systems</u> where you need further clarification regarding certain elements of this prohibition to determine whether the AI system is in the scope of the prohibition or not?

Yes

No

Please specify the concrete AI system, how it is used in practice as well as the specific elements you would need further clarification in this regard

1,500 character(s) maximum

We would request clarification as to the use of AI as part of processes designed to comply with Financial Regulations, including but not limited to, Financial Crime and Market Abuse monitoring and prevention, Credit Scoring, Marketing, Risk Management etc. These are mandatory activities, already governed by existing regulation and where the deployment of any technology, and the purposes for which data is used, are already strongly governed and controlled. Hence, it is our Members' view that these activities should be out of scope of the prohibition as they are designed to comply with existing regulatory requirements.

B. Questions in relation to harmful exploitation of vulnerabilities

The prohibition under Article 5(1)(b) Al Act targets Al systems that exploit vulnerabilities of certain persons or groups of persons that materially influence behaviour of people or aim to do so in a significantly harmful way. The underlying rationale of the prohibition is to protect individual autonomy and well-being from exploitative Al practices that can subvert and impair individuals' autonomy, decision-making, and free choice similar. This prohibition in particular aims to protect those that are most vulnerable and susceptible to manipulation and exploitation because of their specific characteristics that make them particularly vulnerable due to their age, disability and or specific socio-economic situation.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(b) AI Act:

- Rationale and objectives of the prohibition
- · Main elements of the prohibition
 - Al system exploiting vulnerabilities due to age, disability or specific socio-economic situation
 - with the objective or the effect of materially distorting behaviour
 - in a manner (reasonably likely to) cause significant harm

- Interplay between the prohibitions in Article 5(1)(a) and (b) Al Act, with the latter acting as lex specialis in case of overlap
- Al systems out of scope of the prohibition
- Interplay with other Union law (e.g. data protection, non-discrimination law, digital services regulation, criminal law)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(b) Al Act to apply:

- 1) The activity must constitute 'placing on the market' (Article 3(9) Al Act), 'putting into service' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.
- 2) The AI system must exploit vulnerabilities due to age (covering both children as well as elderly), disability (as defined in EU equality law encompassing a wide range of physical, mental, intellectual and sensory impairments that hinder full participation of individuals in the society), or specific socio-economic situations (e.g. persons living in extreme poverty, ethnic or religious minorities). Vulnerabilities of these persons should be understood to encompass a broad spectrum of categories, including cognitive, emotional, physical and other forms of susceptibility that can affect the ability of an individual or a group of persons pertaining to those groups to make informed decisions or otherwise influence their behaviour. 'Exploitation' should be understood as objectively making use of such vulnerabilities in a manner which is harmful for the exploited vulnerable (groups of) persons and/or other persons.
- 3. The techniques deployed by the AI system should have the **objective or the effect of materially distorting the behaviour** of a person or a group of persons. Article 5(1)(a) and (b) AI Act make use of the same concept and should therefore be interpreted in the same way to the extent they overlap.
- 4. The distorted behaviour must cause or be reasonably likely to cause significant harm to that person, another person, or a group of persons. Article 5(1)(a) and (b) Al Act make use of the same concept and should therefore be interpreted in the same way, while taking into account that the harms that can be suffered by vulnerable groups can be particularly severe and multifaceted due to

their heightened susceptibility to exploitation.

For the prohibition to apply, all elements must be in place and there must be a causal link between the vulnerability exploitation by the AI system, the material distortion of the behaviour of the person and the significant harm that has resulted or is reasonably likely to result from that behaviour.

explo	stion 6: Taking into account the provisions of the AI Act, what elements of the prohibition of harmful bitation of vulnerabilities do you think require further clarification in the Commission guidelines? The select all relevant options from the list placement on the market, putting into service or use of an AI system exploiting vulnerabilities due to age, disability or specific socio-economic situation with the objective or the effect of materially distorting behaviour of a person or groups of persons in a manner that causes or is reasonably likely to cause significant harm none of the above
Dloor	as explain why the elements collected chave require further elevification and what needs to be further
	se explain why the elements selected above require further clarification and what needs to be further ied in the Commission guidelines?
	00 character(s) maximum
	Our members would never knowingly engage in harmful exploitation of vulnerabilities and comply.
	Our members already comply with existing financial regulations to prevent such behaviour eg. treating customers fairly, hence are already very cautious in detecting and preventing any biases or potential exploitation of vulnerabilities in all processes, whether manual or AI systems. In this respect, we believe that the definition should be amended to "with the aim of exploiting vulnerabilities"
	Clarity requested on "materially distorting". Could the Commission provide clarification on scope and examples?
	Clarity on "vulnerabilities". Could the Commission provide clarification on scope and examples?
	stion 7: Do you have or know <u>concrete examples of AI systems</u> that in your opinion fulfil all elements of rohibition described above? Yes No
	se specify the concrete AI system, how it is used in practice and how all the necessary elements ribed above are fulfilled
1,5	00 character(s) maximum
	• •

Question 8: Do you have or know concrete examples of Al systems where you need further clarification
regarding certain elements of this prohibition to determine whether the AI system is in the scope of the
prohibition or not?
O V

YesNo

Please specify the concrete AI system, how it is used in practice as well as the specific elements you would need further clarification in this regard

1,500 character(s) maximum

We would request clarification as to the use of AI as part of processes designed to comply with Financial Regulations, including but not limited to, Financial Crime and Market Abuse monitoring and prevention, Credit Scoring, Marketing, Risk Management etc. These are mandatory activities, already governed by existing regulation and where the deployment of any technology, and the purposes for which data is used, are already strongly governed and controlled. Hence, it is our Members' view that these activities should be out of scope of the prohibition as they are designed to comply with existing regulatory requirements.

C. Questions in relation to unacceptable social scoring practices

The prohibition under Article 5(1)(c) Al Act aims to prevent 'social scoring' practices that evaluate persons over a certain period of time based on their social behaviour or personal characteristics leading to detrimental and unfair outcomes for certain individuals and groups. The prohibition applies in principle to both the public and the private sector. The underlying rationale of this prohibition is to prevent such unacceptable 'social scoring' practices that may lead to discriminatory and unfair outcomes for certain individuals and groups, including their exclusion from society. The prohibition of 'social scoring' aims to protect in particular the right to human dignity and other fundamental rights, including the right to non-discrimination and equality, to data protection and to private and family life. It also aims to safeguard and promote the European values of democracy, equality and justice.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(c) Al Act:

- · Rationale and objectives of the prohibition
- · Main elements of the prohibition

- 'Social scoring': evaluation or classification based on social behaviour or personal or personality characteristics over a certain period of time
- Whether provided or used by public or private entities
- Leading to detrimental or unfavourable treatment in unrelated social contexts and/or unjustified or disproportionate treatment
- Al systems out of scope of the prohibition
- Interplay with other Union law (e.g. data protection, non-discrimination)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(c) Al Act to apply:

- 1) The activity must constitute 'placing on the market' (Article 3(9) Al Act), 'putting into service' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.
- 2) The AI systems must be intended or used for the **evaluation or classification** of natural persons or groups of persons over a certain period of time based on: (i)their **social behaviour**; or
- (ii) known, inferred or predicted personal or personality characteristics;
- 3) The social score created with the assistance of the AI system must lead to the **detrimental or unfavourable treatment** in one or more of the following scenarios:
- (i) in social contexts unrelated to those in which the data was originally generated or collected; and/or
- (ii)treatment that is unjustified or disproportionate to their social behaviour or its gravity.

The detrimental or unfavourable treatment must be the consequence of the score, and the score the cause of the treatment. It is not necessary for the evaluation performed by the AI system to be 'solely' leading to the detrimental or unfavourable treatment (covering thus AI-enabled scoring practices that may be also subject to or combined with other human assessments). At the same time, the AI output has to play a sufficiently important role in the formation of the social score. For the prohibition to apply all elements described above must be in place at the same time.

scoring do you think require further clarification in the Commission guidelines? Please select all relevant options from the list
placement on the market, putting into service or use of an Al system
for the evaluation or classification of natural persons or groups of persons over a certain period of time
based on their social behaviour, or known, inferred or predicted personal or personality characteristics with the social score leading to the detrimental or unfavourable treatment of the person or groups of persons
in social contexts unrelated to those in which the data was originally generated or collected
treatment that is unjustified or disproportionate to their social behaviour or its gravity
none of the above
Please explain why the elements selected above require further clarification and what needs to be further clarified in the Commission guidelines?
1,500 character(s) maximum
Question 10: Do you have or know concrete examples of Al systems that in your opinion fulfil all elements
of the prohibition described above?
○ No
Please specify the concrete AI system, how it is used in practice and how all the necessary elements described above are fulfilled
1,500 character(s) maximum
Question 11: Do you have or know <u>concrete examples of Al systems</u> where you need further clarification regarding certain elements of this prohibition to determine whether the Al system is in the scope of the prohibition or not?
○ Yes
○ No
Please specify the concrete AI system, how it is used in practice as well as the specific elements you would
need further clarification in this regard
1,500 character(s) maximum

D. Questions in relation to individual crime risk assessment and prediction

The prohibition under Article 5(1)(d) Al Act targets Al systems assessing or predicting the risk of a natural person committing a criminal offence solely based on profiling or assessing personality traits and characteristics, without objective and verifiable facts directly linked to criminal activity and a human assessment thereof. The underlying rationale for the ban is to prevent unacceptable law

enforcement practices where AI is used to make an individual a suspect solely based on profiling or their personality traits and characteristics rather than as support of human assessment, which is already based on objective and verifiable facts directly linked to a criminal activity. Such predictive crime and policing AI systems pose an 'unacceptable risk' since they infringe fundamental rights and freedoms in a democracy that is based on rule of law and requires a fair, equal and just criminal legal system. They also endanger individual's liberty without the necessary procedural and judicial safeguards and violate the right to be presumed innocent. Other fundamental rights at risk that the ban aims to safeguard are the right to human dignity, non-discrimination, the right to fair trial, the right to defence, effective remedy, privacy and data protection and the rights of the child if these practices affect children.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(d) AI Act:

- · Rationale and objectives of the prohibition
- · Main elements of the prohibition
 - Individual crime prediction of a natural person committing a criminal offence
 - solely based on profiling or the assessment of personality traits and characteristics
 - without verifiable facts directly linked to criminal activity and human assessment thereof
- Interplay with other Union law (e.g. data protection)
- Al systems that are out of the scope of the prohibition (e.g. support of the human assessment)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(d) Al Act to apply:

1) The activity must constitute 'placing on the market' (Article 3(9) Al Act), 'putting into service for this specific purpose' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.

- 2) The AI system must be intended or used for the specific purpose of making a risk assessment or prediction of a natural person or persons committing a criminal offence. The individual crime predictions can be made at any stage of the law enforcement activities such as prevention and detection of crimes, but also investigation, prosecution and execution of criminal penalties. Excluded from the scope are therefore location- and event-based predictions and individual predictions of administrative offences since these are not assessing the risk of individuals committing a criminal offence.
- 3) The assessment or the prediction must be **solely** based on either or both of the following:
- (i)**profiling** of a natural person (defined in Article 4(4) of the General Data Protection Regulation as any form of automated processing of personal data consisting of the use of personal data to evaluate certain personal aspects relating to a natural person), or
- (ii) assessing a person's personality traits and characteristics (such as nationality, place of birth, place of residence, number of children, level of debt or type of car)
- 4) Excluded are AI systems used to support human assessment based on objective and verifiable facts directly linked to a criminal activity. This means that predictive AI tools could be used for supporting the human assessment of the involvement of a person in the criminal activity if there are objective and verifiable facts linked to a criminal activity on the basis of which a person can be reasonably suspected of being involved in a criminal activity.

Question 12: Taking into account the provisions of the AI Act, what elements of the prohibition of harmful manipulation and deception do you think require further clarification in the Commission guidelines?

Please select all relevant options from the list

□ placement on the market, putting into service or use of an AI system

□ for making risk assessment or prediction of a natural person or persons committing a criminal offence

□ solely based on the profiling of a natural person or their traits and characteristics

□ excluded are AI systems used to support human assessment based on objective and verifiable facts directly linked to a criminal activity

□ none of the above

Please explain why the elements selected above require further clarification and what needs to be further clarified in the Commission guidelines?

1,500 character(s) maximum

We assume this question is supposed to refer to the prohibition in relation to individual crime risk assessment and prediction and as such we provide the following comments.

Recital 42 refers to an exemption for 'financial fraud" but not all financial crime is necessarily related to "fraud". Hence, we would request clarification as to the use of AI as part of processes designed to comply with Financial Regulations, including but not limited to, Financial Crime and Market Abuse monitoring and prevention etc. These are mandatory activities, already governed by existing regulation and where the deployment of any technology and the purposes for which data is used, are already strongly governed and controlled. Hence, it is our Members' view that these activities should be out of scope of the prohibition as they are designed to comply with existing regulatory requirements.

Notwithstanding the above, Members would appreciate clarification on what the definition of a "characteristic" of a person encompasses and some examples.

Question 13: Do you have or know <u>concrete examples of Al systems</u> that in your opinion fulfil all eler	nents
of the prohibition described above?	

Yes

No

Please specify the concrete AI system, how it is used in practice and how all the necessary elements described above are fulfilled

1,500 character(s) maximum

Question 14: Do you have or know <u>concrete examples of AI systems</u> where you need further clarification regarding certain elements of this prohibition to determine whether the AI system is in the scope of the prohibition or not?

Yes

O No

Please specify the concrete AI system, how it is used in practice as well as the specific elements you would need further clarification in this regard

1,500 character(s) maximum

We would request clarification as to the use of AI as part of processes designed to comply with Financial Regulations, including but not limited to, Financial Crime and Market Abuse monitoring and prevention etc. These are mandatory activities, already governed by existing regulation and where the deployment of any technology, and the purposes for which data is used, are already strongly governed and controlled. Hence, it is our Members' view that these activities should be out of scope of the prohibition as they are designed to comply with existing regulatory requirements.

Question 15: Do you have or know <u>concrete examples of AI systems</u> that fulfil all necessary criteria for the prohibition to apply, but fall under the exception of systems that support the human assessment of the involvement of a person in a criminal activity, based on objective and verifiable facts linked to a criminal activity?

Yes
No

Please specify the concrete AI system,	how it is used in practice and which exception would apply and why
1,500 character(s) maximum	

E. Questions in relation to untargeted scraping of facial images

Article 5(1)(e) Al Act prohibits Al systems with the specific purpose of creating or expanding facial recognition databases through untargeted scraping of the internet or CCTV footage.

As to the rationale of the prohibition, untargeted scraping of a large number of facial images from the Internet or CCTV material, along with associated metadata and information, without consent of the data subject(s), to create large-scale facial databases, violates individuals' rights and individuals lose the possibility to be anonymous. Recital 43 of the AI Act justifies the prohibition of Article 5(1)(e) AI Act based on the 'feeling of mass surveillance' and the risks of 'gross violations of fundamental rights, including the right to privacy'.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(e) AI Act:

- · Rationale and objectives of the prohibition
- · Main elements of the prohibition
 - Facial recognition databases
 - through untargeted scraping of facial images
 - from the internet or CCTV footage
- Al systems out of scope of the prohibition
- Interplay with other Union law (e.g. data protection)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(e) Al Act to apply:

- 1) The activity must constitute 'placing on the market' (Article 3(9) Al Act), 'putting into service for this specific purpose' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.
- 2) The AI system must be intended or used for the specific purpose of untargeted scraping. The prohibition applies to **scraping AI systems** that are placed on the market or being put into service 'for this specific purpose' of **untargeted scraping of the internet/CCTV** material. This implies that the prohibition does not apply to all scraping tools with which one can build up a database, but only to tools for untargeted scraping.
- 3) The prohibition covers AI system used to **create or expand facial recognition databases**. Database in this context refers to any collection of data, or information, that is specially organized for rapid search and retrieval by a computer. A facial recognition database is a technology that matches a human face from a digital image or video frame against a database of faces, compares it to the database and determines whether there is a match in the database.
- 4) The sources of the images are either the **Internet or CCTV footage**.

Question 16: Taking into account the provisions of the Al Act, what elements of the prohibition of
untargeted scraping of facial images do you think require further clarification in the guidelines? Please select all relevant options from the list
placement on the market, putting into service or use of an AI system
for creating or expanding facial recognition databases
through untargeted scraping of facial images
from the internet or CCTV footage
none of the above
Please explain why the elements selected above require further clarification and what needs to be further clarified in the guidelines? 1,500 character(s) maximum
1,000 character(s) maximum
Question 17: Do you have or know concrete examples of AI systems that in your opinion fulfil all elements of the prohibition described above? Yes No
Please specify the concrete AI system, how it is used in practice and how all the necessary elements described above are fulfilled
1 500 character(s) maximum

Question 18: Do you have or know <u>concrete examples of AI systems</u> where you need further clarification regarding certain elements of this prohibition to determine whether the AI system is in the scope of the prohibition or not?
Yes
○ No
Please specify the concrete AI system, how it is used in practice as well as the specific elements you would
need further clarification in this regard
1,500 character(s) maximum

F. Questions in relation to emotion recognition

Article 5(1)(f) Al Act prohibits Al systems to infer emotions in the areas of workplace and education institutions except for medical or safety reasons.

As to the rationale of the prohibition, emotion recognition technology is quickly evolving and comprises different technologies and processing operations to detect, collect, analyse, categorise, re- and interact and learn emotions from persons. Emotion recognition can be used in multiple areas and domains for a wide range of applications, such as for analysing customer behaviour, targeted advertising, in the entertainment industry, in medicine and healthcare, in education, employment, wellbeing, or for law enforcement and public safety.

Emotion recognition can lead to 'discriminatory outcomes and can be intrusive to the rights and freedoms of the concerned persons', in particular the right to privacy. It is therefore in principle prohibited in asymmetric relationships in the context of workplace and education institutions, where both workers and students are in particularly vulnerable positions. The AI Act states in Recital 44 that there are 'serious concerns about the scientific basis of AI systems aiming to identify or infer emotions, particularly as expression of emotions vary considerably across cultures and situations, and even within a single individual. Among the key shortcomings of such systems are the limited reliability, the lack of specificity and the limited generalisability.' At the same time, emotion recognition in specific use contexts, such as for safety and medical care (e.g. health treatment and diagnosis) has benefits and is therefore not prohibited. In such cases, emotion recognition is classified as a high-risk AI system and subjected to requirements aimed to ensure accuracy, reliability and safety.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(f) AI Act:

- Rationale and objectives of the prohibition
- Main elements of the prohibition
 - · Al systems to infer emotions
 - Identification and inference of emotions
 - Emotions
 - On the basis of their biometric data
- Limitation of the prohibition to workplace and educational institutions
 - Workplace
 - Educational institutions
- · Exceptions for medical and safety reasons
- More favourable Member State law
- · AI systems out of scope of the prohibition
- Interplay with other Union law (e.g. data protection)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(f) Al Act to apply:

- 1) The activity must constitute 'placing on the market' (Article 3(9) Al Act), 'putting into service for this specific purpose' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.
- 2) AI systems to infer emotions, as defined in the light of Article 3(39) AI Act, are systems for identifying or inferring emotions or intentions of natural persons on the basis of their biometric data. 'Identification' occurs when the processing of the biometric data (for example, of the voice or a facial expression) allows to directly compare and identify with an emotion that has been previously programmed in the emotion recognition system. 'Inferring' is done by deducing information generated by analytical and other processes by the system itself. In this case, the information about the emotion is not solely based on data collected on the natural person, but it is concluded from other data, including machine learning approaches that learn from data how to detect emotions. Emotions have to be defined in a broad sense, but do not include physical states such as pain or

fatigue and readily apparent expressions such as smiles.

- 3) The prohibition in Article 5(1)(f) Al Act is limited to emotion recognition systems in the 'areas of workplace and educational institutions', because there is a power imbalance, an asymmetric relation and a risk of continuous surveillance.
- 4) The prohibition contains an explicit exception for emotion recognition systems used in the areas of the workplace and educational institutions for medical or safety reasons, such as systems for therapeutical use.

Question 19: Taking into account the provisions of the Al Act, what elements of the prohibition of emotion recognition in the areas of workplace and education do you think require further clarification in the Commission guidelines?

Please select all relevant options from the list

	placement on the market, putting into service or use of an AI system
✓	for identifying or inferring emotions of natural persons
/	in the area of workplace and educational institutions
	except for medical and safety reasons
	none of the above

Please explain why the elements selected above require further clarification and what needs to be further clarified in the Commission guidelines?

1,500 character(s) maximum

Members would appreciate clarity on the scope of "workplace and educational institutions"

There is currently uncertainty as to the correct interpretation of the prohibition relating to a workplace, namely, whether (i) it relates just to employees in their workplace, or whether (ii) it relates to any interaction by a natural person with a company at the workplace of that company. Under interpretation (ii), the prohibition could cover, for example, interactions by a client with the call centre of a company.

We believe that (i) is the correct interpretation as Recital 44 suggests that the prohibition relates to an imbalance of power between an employee and an employer. We also believe that in some circumstances "emotion recognition" is valuable, as when an angry client contacts a call centre it is useful for the company to be aware that the client is angry. Please also see our answer to Question 21 on this point.

Clarity is also requested that on the scope of this prohibition and that it is limited to biometric data-based emotion recognition, and not, for example text based sentiment analysis or emotional inference. Please also see relation clarifications in Section G and H below.

Question 20: Do you have or know <u>concrete examples of AI systems</u> that in your opinion fulfil all elements of the prohibition described above?

G. Questions in relation to biometric categorisation

Article 5(1)(g) Al Act prohibits biometric categorisation systems (as defined in Article 3(40) Al Act) that categorise individually natural persons based on their biometric data to deduce or infer their race, political opinions, trade union membership, religious or philosophical beliefs, sex life or sexual orientation. This

1,500 character(s) maximum

prohibition does not cover the lawful labelling, filtering or categorisation of biometric data sets acquired in line with Union or national law according to biometric data, which can for example be used in the area of law enforcement (Recital 30 AI Act).

As to the rationale of the prohibition, Al-based biometric categorisation systems for the purpose of assigning natural persons to specific groups or categories relating to aspects such as sexual or political orientation or race violate human dignity and pose significant risks to other fundamental rights such as privacy and discrimination.

A wide variety of information, including 'sensitive' information can be extracted, deduced or inferred from biometric information, even without the individuals knowing it, to categorise them. This can lead to unfair and discriminatory treatment, for example when a service is denied because somebody is considered to be of a certain race.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(g) AI Act:

- Rationale and objectives of the prohibition
- · Main elements of the prohibition:
 - · Biometric categorisation system
 - · Persons are individually categorised based on their biometric data
 - To deduce or infer their race, political opinions, trade union membership, religious or philosophical beliefs, sex life or sexual orientation
 - On the basis of their biometric data
- Al systems out of scope of the prohibition
 - Labelling and filtering based on biometric data
- Interplay with other Union law (e.g. data protection)

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(g) Al Act to apply:

1) The activity must constitute 'placing on the market' (Article 3(9) Al Act),

'putting into service for this specific purpose' (Article 3(11) Al Act), or 'use' of an Al system (Article 3(1) Al Act). The prohibition applies to both providers and deployers of Al systems, each within their own responsibilities.

- 2) The AI system must be a **biometric categorisation system** for the purpose of assigning natural persons to specific categories on the basis of their biometric data, unless it is ancillary to another commercial service and strictly necessary for objective technical reasons (Article 3(40) AI Act).
- 3) Individual persons are categorised,
- 4) Based on their biometric data (Article 3(34) Al Act),
- 5) Article 5(1)(g) Al Act prohibits only biometric categorisation systems which have as objective to deduce or infer a limited number of sensitive characteristics: race, political opinions, trade union membership, religious or philosophical beliefs, sex life or sexual orientation.

The prohibition does not **cover labelling or filtering of lawfully acquired biometric datasets**, including in the field of law enforcement.

Question 23: Taking into account the provisions of the AI Act, what elements of the prohibition of biometric categorisation to infer certain sensitive characteristics do you think require further clarification in the Commission guidelines?
 Please select all relevant options from the list
 placement on the market, putting into service or use of an AI system
 that is a biometric categorisation system individually categorising natural persons based on their biometric data
 to deduce or infer their race, political opinions, trade union membership, religious or philosophical beliefs, sex life or sexual orientation
 excluded are labelling or filtering of lawfully acquired biometric datasets, including in the field of law enforcement
 none of the above

Please explain why the elements selected above require further clarification and what needs to be further clarified in the Commission guidelines?

1,500 character(s) maximum

We would request clarification as to the use of AI as part of processes designed to comply with Financial Regulations, including but not limited to, Financial Crime and Market Abuse monitoring and prevention, Credit Scoring, Marketing, Risk Management etc. These are mandatory activities, already governed by existing regulation and where the deployment of any technology, and the purposes for which data is used, are already strongly governed and controlled. Hence, it is our Members' view that these activities should be out of scope of the prohibition as they are designed to comply with existing regulatory requirements.

Notwithstanding the above, guidance is requested to delineate between prohibited biometric categorisation based on sensitive personal data under Article 5(1)(g) and biometric identification / categorisation and emotion recognition considered as high-risk under Article 6(2) / Annex III, 1).

Additionally, clarification that a system that infers emotions from text, eg. Phone call transcripts or emails etc, would not be classified as "biometric data"?

Phone call transcripts or emails etc, would not be classified as "biometric data"?
Question 24: Do you have or know concrete examples of Al systems that in your opinion fulfil all elements of the prohibition described above? Yes No
Please specify the concrete AI system, how it is used in practice and how all the necessary elements described above are fulfilled 1,500 character(s) maximum
Question 25: Do you have or know concrete examples of Al systems where you need further clarification regarding certain elements of this prohibition to determine whether the Al system is in the scope of the prohibition or not? Yes No
Please specify the concrete AI system, how it is used in practice as well as the specific elements you would need further clarification in this regard 1,500 character(s) maximum
Question 26: Do you have or know concrete examples of Al systems that fulfil all necessary criteria for the prohibition to apply, but fall under the exception of labelling or filtering of lawfully acquired biometric datasets? Yes No
Please specify the concrete AI system, how it is used in practice and which exception would apply and why

H. Questions in relation to real-time remote biometric identification

Article 5(1)(h) AI Act contains a prohibition on real-time use of remote biometric identification systems (Article 3(41) and (42) AI Act) in publicly accessible spaces for law enforcement purposes subject to limited exceptions exhaustively and narrowly defined in the AI Act.

Recital 32 AI Act acknowledges 'the intrusive nature of remote biometric identification systems (RBIS) to the rights and freedoms of the concerned persons, to the extent that it may affect the private life of a large part of the population, evoke a feeling of constant surveillance and indirectly dissuade the exercise of the freedom of assembly and other fundamental rights. Technical inaccuracies of AI systems intended for the remote biometric identification of natural persons can lead to biased results and entail discriminatory effects. Such possible biased results and discriminatory effects are particularly relevant with regard to age, ethnicity, race, sex or disabilities. In addition, the immediacy of the impact and the limited opportunities for further checks or corrections in relation to the use of such systems operating in real-time carry heightened risks for the rights and freedoms of the persons concerned in the context of, or impacted by, law enforcement activities.'

At European level, RBIS are already regulated by EU data protection rules, as they process personal and biometric data for their functioning.

Due to the serious interferences that real-time RBI use for the purpose of law enforcement poses to fundamental rights, its deployment is, in principle, prohibited under the AI Act. However, as most of these fundamental rights are not absolute, objectives of general interest, such as public security, can justify restrictions on exercising these rights as provided by Article 52(1) of the Charter. Any limitation must comply with the requirements of legality, necessity, proportionality and respect for the essence of fundamental rights. Therefore, when the use is strictly necessary to achieve a substantial public interest and when the exceptions are exhaustively listed and narrowly defined, their use outweighs the risks to fundamental rights (Recital 33 AI Act). To ensure that these systems are used in a 'responsible and proportionate manner', their use can only be made if they fall under one of the explicit exceptions defined in Article 5(1)(i) to (iii) AI Act and subject to safeguards and specific obligations and requirements, which are detailed in Article 5(2)-(7) AI Act. When the use falls

under one or more of the exceptions, the remote biometric identification system is classified as a high-risk AI system and subject to requirements aimed to ensure accuracy, reliability and safety.

Proposed structure of the guidelines

It is proposed that the Commission guidelines would cover the following aspects regarding Article 5(1)(h) Al Act:

- Rationale and objectives of the prohibition
- Definition of
 - remote biometric identification
 - 。 'real-time'
 - publicly accessible spaces
 - law enforcement purposes
- · AI systems out of scope of the prohibition
- · Interplay with other Union law
- Conditions and safeguards for exceptions

Main elements of the prohibition

Several **cumulative elements must be in place** at the same time for the prohibition in Article 5(1)(h) Al Act to apply:

- 1) The activity must constitute **the 'use' of an AI system** (Article 3(1) AI Act), so, contrary to the previously mentioned prohibitions, this prohibition applies only to deployers of AI systems.
- 2) The AI system must be a **remote biometric identification system** (Article 3(41) AI Act), i.e. an AI system for the purpose of identifying natural persons, **without their active involvement**, typically at a distance through the comparison of a person's biometric data with the biometric data contained in a reference database. This **excludes systems for verification or authentication of persons**.
- 3) The system is used in 'real-time' (Article 3(42) Al Act), i.e. the biometric systems capture and further process biometric data 'instantaneously, near-instantaneously or in any event without any significant delay.
- 4) The AI system is used in publicly accessible spaces, i.e. 'any publicly or

privately owned physical space accessible to an undetermined number of natural persons, regardless of whether certain conditions for access may apply, and regardless of the potential capacity restrictions'. This excludes online spaces, border control points and prisons.

5) The prohibition of Article 5(1)(h) Al Act applies to **law enforcement purposes**, irrespective of the entity, authority, or body carrying out the activities. Law enforcement is defined in Article 3(46) Al Act as the 'activities carried out by law enforcement authorities or on their behalf for the prevention, investigation, detection or prosecution of criminal offences or the execution of criminal penalties, including safeguarding against and preventing threats to public security.' These activities are also those that constitute the subject matters in Article 1 of the Law Enforcement Directive.

Question 27: Taking into account the provisions of the Al Act, what elements of the prohibition of real-time
remote biometric identification for law enforcement purposes do you think require further clarification in the
Commission guidelines?

Please select all relevant options from the list

use of an AI system
that is a remote biometric identification system
used 'real-time'
for law enforcement purposes
in publicly accessible spaces

Please explain why the elements selected above require further clarification and what needs to be further clarified in the Commission guidelines?

1,500 character(s) maximum

none of the above

We would request clarification as to the use of AI as part of processes designed to comply with Financial Regulations, including but not limited to, Financial Crime and Market Abuse monitoring and prevention etc. These are mandatory activities, already governed by existing regulation and where the deployment of any technology, and the purposes for which data is used, are already strongly governed and controlled. Hence, it is our Members' view that these activities should be out of scope of the prohibition as they are designed to comply with existing regulatory requirements.

Notwithstanding the above, guidance is requested to delineate between prohibited biometric categorisation based on sensitive personal data under Article 5(1)(g) and biometric identification / categorisation and emotion recognition considered as high-risk under Article 6(2) / Annex III, 1).

Question 28: Do you have or know <u>concrete examples of AI systems</u> where you need further clarification regarding certain elements of this prohibition to determine whether the AI system is in the scope of the prohibition or not?

Yes
No

Please specify the concrete AI system	, how it is used in practice a	as well as the specific	elements you would
need further clarification in this regard			

1,50	00 character(s) maximum		

Article 5(1)(h)(i) to (iii) Al Act provides for three exceptions to the prohibition for:

- (1) The **targeted search** of victims of abduction, trafficking in human beings or sexual exploitation of human beings, as well as the search for missing persons, i.e. persons whose existence has become uncertain, because he or she has disappeared.
- (2) The prevention of a **specific**, **substantial** and **imminent** threat to the life or physical safety of natural persons or a genuine and present or genuine and foreseeable threat of a terrorist attack. A terrorist attack can include a threat to life, whereas a threat to life does not necessarily qualify as a terrorist attack.
- (3) The localisation and identification of a person suspected of having committed a criminal offence, for the purpose of conducting a criminal investigation or prosecution or executing a criminal penalty for offences referred to in Annex II and punishable in the Member States concerned by a custodial sentence or a detention order for a maximum period of at least four years. Annex II of the AI Act provides an exhaustive list of serious crimes for which the real-time use of RBI can be authorised.

The exceptions have to be authorised by national legislation and comply with certain conditions and safeguards (Article 5(2) to (7) Al Act). These include – among others – temporal, geographic and personal limitations, a duty to perform a fundamental rights impact assessment and to register the system in the EU database (Article 49 Al Act), a need for prior authorisation by a judicial or independent administrative authority, and a notification to the relevant market surveillance authorities and data protection authorities.

Question 29: Do you have or know <u>concrete examples of AI systems</u> that fulfil all necessary criteria for the prohibition to apply, but which could fall under one or more of the exceptions of Article 5(1)(h)(i) to (iii) AI Act?

Yes

I. Question in relation to interplay with other Union legislation

The prohibitions under the AI Act are without prejudice to prohibitions and specific rules provided for in other Union legislation such as data protection, consumer protection, digital services regulation, etc. As explained above, each section of the Commission guidelines are expected to explain relevant interplay of the prohibitions in relation to other Union law.

Question 31: Do you have or know concrete examples of AI systems where you need further clarification regarding the application of one or more of the prohibitions under the AI Act in relation to other Union legislation?

Yes

No

Please specify the concrete AI system and the prohibition under the AI Act, the relevant provision of a specific Union legislation and where further clarification is needed

1,500 character(s) maximum

Thank you

Thank you for your interest in participating in the consultation. Please do not forget to click on submit.

Contact

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