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MINISTRY OF ECONOMY

Where do Intellectual Property (IP) Offices go with emerging technologies? UAE- perspective

28 Oct. 2019

Dialogue on Utilizing the IP System for Economic, Social and
Cultural Development in the Digital Era – Japan and Selected
Arab Countries



Formation of Entrepreneurship and Intellectual Property Sector within the UAE Ministry of Economy (MOE):

- Decision of the Council of Ministers No. 12/45 of 2006
Consolidation of the intellectual property departments under the umbrella of the Ministry of Economy (previously disbursed among several ministries)
- Establishment of the Intellectual Property Section in MOE (2012)
 - A sector comprising the three departments (Copyright, Trademark and Industrial Property).
 - In 2018, National Program For Small and Medium Enterprises and Projects joint the Sector.

Entrepreneurship and Intellectual Property Laws of UAE (administration by MOE):

Patent and Design

Federal Law no. 31 of 2006:

Amending federal law no. 17 of 2002 pertaining to the industrial Regulation and protection of the patents, Industrial Drawing and designs.

Trademark

Federal Law no. 8 of 2002:

Amending some provision of federal law no. 37 of 1992 Concerning trademarks.

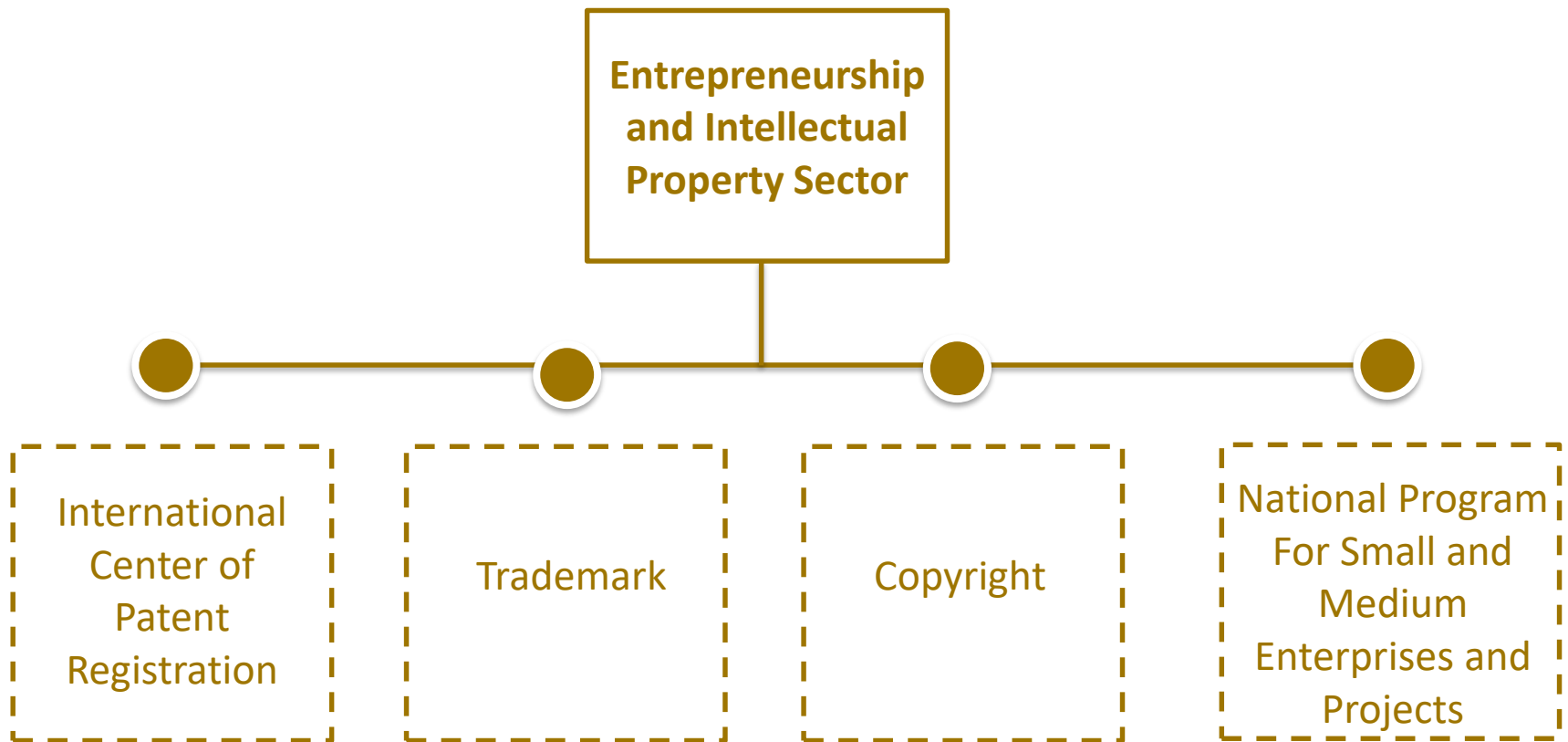
Copyright

Federal Law no. 32 of 2006:

Amending federal law no. 7 of 2002 Concerning Copyrights and Neighboring Rights.



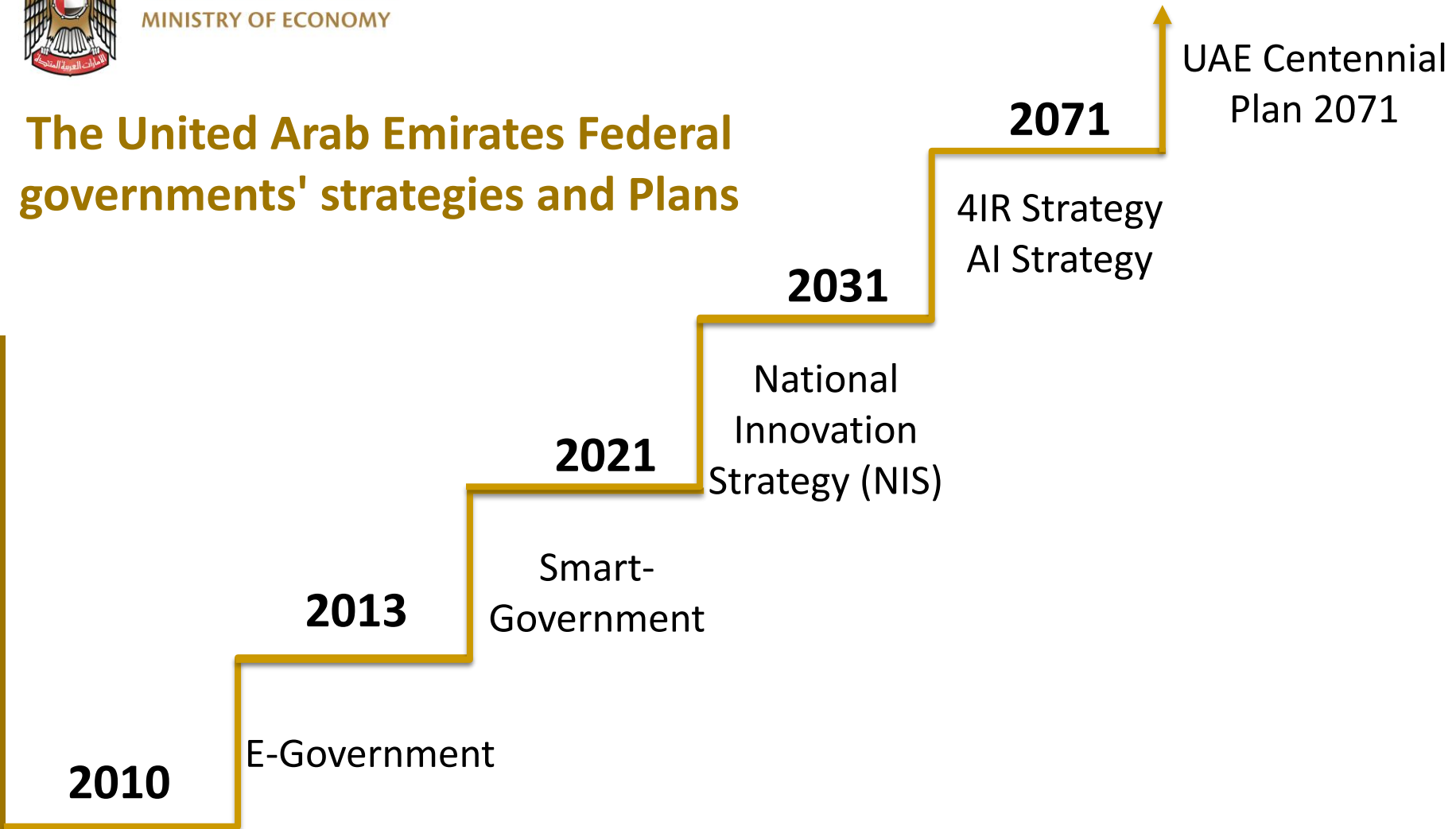
Entrepreneurship and Intellectual Property Sector Structure





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The United Arab Emirates Federal governments' strategies and Plans





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**Striving to align IP sector vision
with the ambitions & aspirations
of UAE strategies**



E-Intellectual Property (E-IP) Sector

E-Government

- 2003: adoption of e-Government strategy
- 2010: a new portal brings all eServices provided by the UAE federal and local government bodies under one umbrella

E-IP

- Paper-less application to all services in the Ministry of Economy including Patents, Trademarks and Copyright applications



Smart-Intellectual Property (E-IP) Sector

Smart-Government

-2013: accessing the government services through mobile phones and other similar electronic devices, and other means

Smart-IP

- Introducing e-services to all in the Ministry of Economy including Patents, Trademarks and Copyright applications via smart-phones and tablets applications



Innovative-Intellectual Property (E-IP) Sector

Innovative-Government

- 2015: adoption of NIS (2021) focusing on 3 pillars:
 - Innovation-enabling environment
 - Innovation champion
 - Innovation priority sectors

Innovative-IP

- Technology innovation pioneers initiative (TIP)
- 1st integrated innovation platforms in the region where interaction occurs throughout the challenges in targeted sectors with inventors, universities, innovation centers
- The first initiative of “TIP healthcare awards” was launched in May 2018.



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Artificial-Intellectual Property (E-IP) Sector



Artificial-Intellectual Property (E-IP) Sector

AI-Government

-2017: adoption of UAE Strategy for Artificial Intelligence 2031:

-Aims to improve government performance and efficiency, and one of its key objectives is to “boost government performance at all levels

Artificial-IP

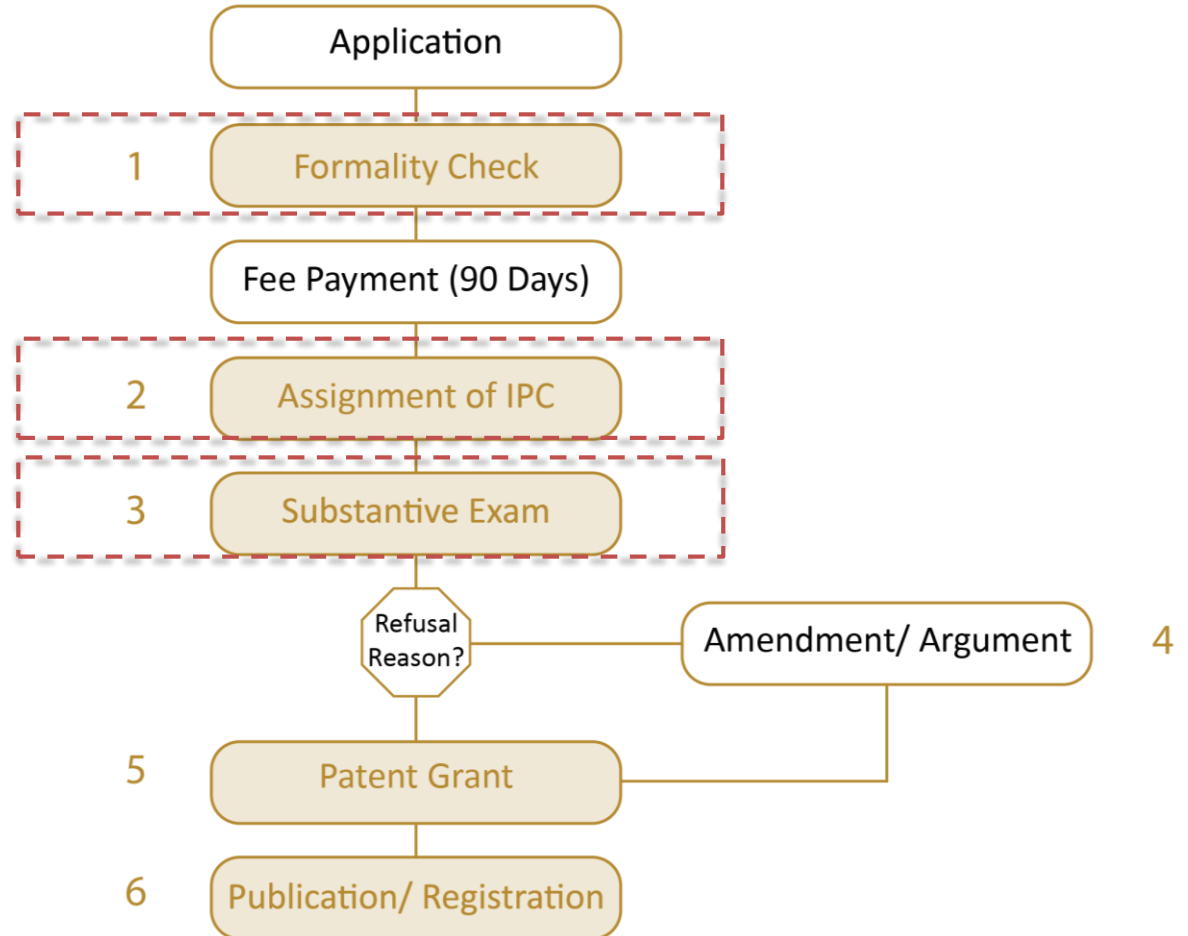
-The IP sector uses smart solutions using AI technologies data-driven solution in troubleshooting's the e-services applications

- Further work toward expand the AI-assisted due diligence, search and examination.



Specific Areas for AI technologies inclusions in UAE IP Office

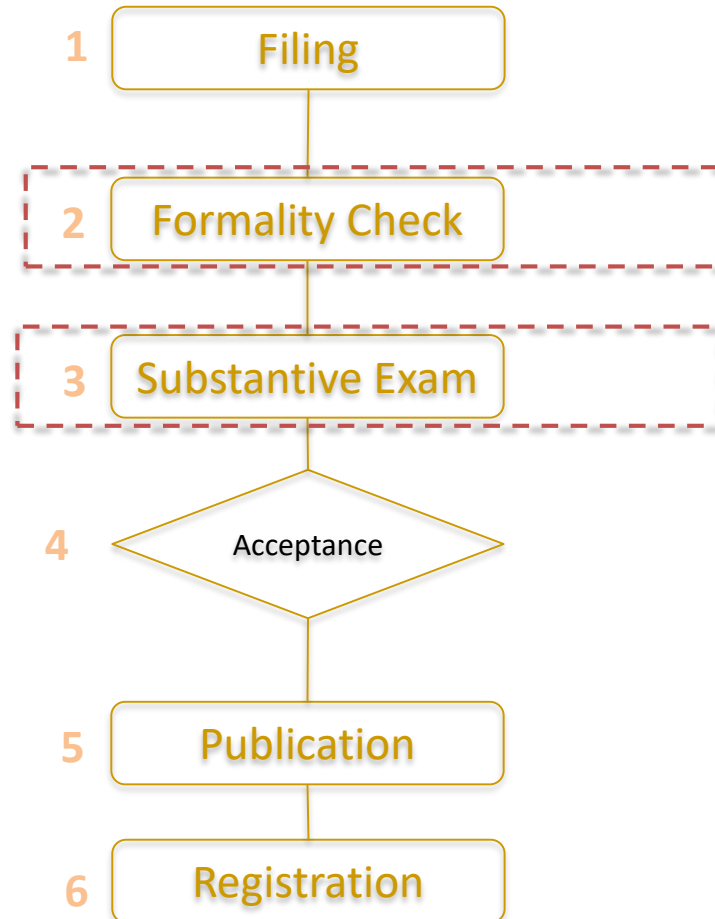
Patent Examination Flow Chart:





Specific Areas for AI technologies inclusions in UAE IP Office

Trademarks Examination flow chart





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Governance of Emerging Technologies (IoT, Block chain , AI) using Intellectual Property System



Governance of Emerging Technologies and IP System

The Legal perspective of protecting AI work:

- Creation and innovation incentives and protection in the existing IP systems has been fundamentally challenged by the notion of machine-learning outputs.
- Who and why it shall be protected?
- Copyright and patent laws have to ensure not to impede the progress for what its being designed to promote.

The Policy perspective:

- Countries require to get the balance right between incentives for collection, curation, and analysis and benefits from widespread use of data.





Future areas of AI and IP to reflect on

Possible areas of AI
utilization in IP Offices

What policy can be
developed to protect
the infringement of
AI Work

How we can protect the
creative or invention
product of a machine
learning, such as Music,
movies or algorithm



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**Thank you for your
attention**