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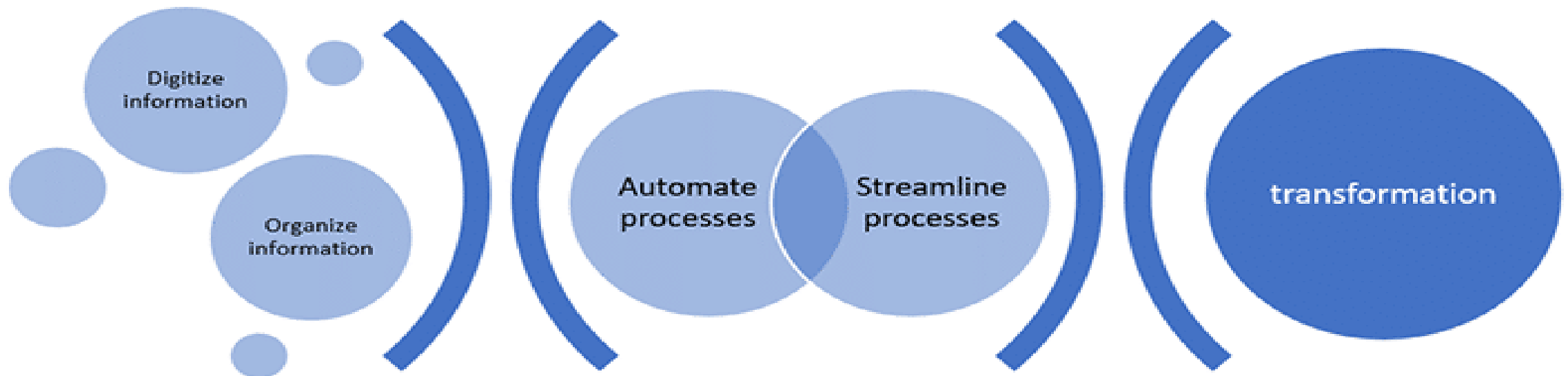
Erasmus Centre of
Excellence in Sustainable
Business and Finance

**Erasmus Centre of Excellence in Sustainable Business
and Finance (ECESBF)**

Topic 4. What is Digitalization EU Digital Strategy

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The European digitization is the process of collecting data from data-producing sources and transforming that information into a digital form that can be processed by a computer. This information is physical work records, objects, images, and sound files that can be converted into digital representations that can be processed by



Digitization


The process of changing from analog to digital form.

Digitalization

The process of using digital technologies and information to transform individual institutional operations.

Digital Transformation

The process of optimizing & transforming the institution's operations, strategic directions & value proposition through deep & coordinated shifts in culture, workforce & technology.



The European
will pursue a vision of a
sustainable digital society
centered on Uzbekistan
throughout the Digital
Decade to empower Uzbek
citizens and businesses.

Digital societies and
technologies bring new
ways to learn, enjoy, work,
explore, and pursue
ambitions. It also brings
new freedoms and rights,
enabling EU citizens to
transcend physical
communities, geographic
locations and social status.

However, many challenges
related to digital transformation
still remain. The digital world
must be based on European
values where no one is forgotten
and everyone enjoys freedom,
protection and justice.



The European Digitization is an important step towards all forms of data processing as it allows information from various sources to be integrated into the digital platform or environment where the processing takes place.


Digitized information maintains its quality regardless of how long it is stored or transmitted, even if it was created in a stable format. The longevity of digitized data is one of the reasons why the digitization of traditional industrial processes is expected to lead to industrial transformation.

Currently, the application of digital technologies, consisting of industrial hardware and software solutions, supports digital transformation initiatives in this sector.

These digital technologies include data collection tools such as edge computing and solutions, data transfer and storage tools such as industrial cloud platforms, and data analysis tools such as simulation and digital twin solutions.

The European Digital Decade is where everyone learns how to use technology every day. Even small businesses in Uzbekistan are using technology to make better business decisions, interact with customers, and improve some aspects of their business operations.


With communication available to people in villages, mountains and remote areas, everyone can access online opportunities and take advantage of the digital world. For the convenience of Uzbekistan citizens and businesses, key public services and administrative procedures have been sent online.




Europe has much to offer in building a better society and economy for the people of Uzbekistan. The European Union is already working with Uzbekistan partners in areas such as trade, security and the rule of law, and digital technology is no exception.

<https://digital-strategy.ec.europa.eu/en/funding/business-acceleration-services-innovation-procurement-programme>

Visualization techniques are also an important aspect of the digital transformation process. The computer works with her binary numbers, but the analyzed information must be presented in a form understandable by a human operator.



Visualization technologies such as smart devices can provide access to analyzed information through charts and custom images.



Digital technology is essential to driving digital transformation initiatives in the manufacturing industry, so digital transformation is also essential to business model enablement.



The ultimate goal of any industrial digitization process is therefore to support industry initiatives focused on networking and mutual data sharing.


Digital societies and technologies bring new ways to learn, enjoy, work, explore, and pursue ambitions. It also brings new freedoms and rights, enabling citizens to transcend physical communities, geographic locations and social status.



However, many challenges related to digital transformation still remain. The digital world must be based on European values where no one is forgotten and everyone enjoys freedom, protection and justice.



This decade of European digital is a place where everyone can learn how to use technology in everyday life. Even small businesses are using technology to make better business decisions, interact with customers, and improve some aspects of their business operations.



Communication is available to people living in villages, mountains and remote areas, everyone can access online opportunities and take advantage of the digital world.

Major public services and administrative procedures have been brought online for greater convenience for citizens and businesses.

The Digital Decade is a comprehensive program that guides all digital-related activities.

The goal of the Digital Decade is to make all aspects of technology and innovation work for people.

In summary, optimized manufacturing processes ensure a high level of service and increase customer satisfaction.

Shop floor digitization makes this possible because shop floor managers can apply a data-driven approach when making decisions and evaluating new ideas.



Thank you for your attention !

