

Megamun 2024

Study Guide for the ILO committee

International Labour Organization

***Topic: Fighting the rise of
unemployment due to the development of
AI***



By Marie Perniaux and Lynn Dubois

Dear delegates,

It's a great honor for us to chair the ILO committee, during the first Mega Model United Nations Conference. As Chairs, we are devoted to making this debate, our debate, a place where everyone feels listened to, welcomed and integrated. Also, making the meeting as pleasant as possible for each of you is part of our concern.

But no great debate can succeed without being well prepared.

It's the reason why we made this Study Guide. This document will help you to find some useful information about the status of your assigned country in relation to the subject. Despite this, keep in mind that the knowledge of this document is not enough for the work asked. We strongly recommend you to use other reliable sources.

Thanks to the knowledge you'll find, we ask you to prepare a policy statement, also known as a working paper, and to submit it as a PDF before January 21 on Discord. We highly encourage you to produce an opening speech that you'll introduce at the beginning of the debate. This opening statement is really helpful for other delegates because you'll show the point of view of your country. If any help is needed you can always contact us on Discord or via our emails: lynn.dubois@providencechampion.be or marie.perniaux@providencechampion.be.

Be that as it may, we both know that all of you can make this experience rewarding and unforgettable. See you at ILO(VE YOU) !

We're looking forward to seeing you in January !

Warmly,

Lynn & Marie ;)

LEXICON

Algorithm :

An algorithm is a finite and unambiguous sequence of instructions and operations to solve a class of problems.

Artificial Intelligence:

The ability of a computer or a robot controlled by a computer to do tasks that are usually done by humans because they require human intelligence and discernment. An AI can be in the form of a website or software, a physical form or an algorithm. AIs are developed by humans and need some resources to work.

Linking VIDEO for a better understanding :

<https://www.youtube.com/watch?v=ad79nYk2keg>

ChatGPT :

Stands for Chat Generative Pre-Trained Transformer and was created by the OpenAI company. It is an artificial intelligence (AI) chatbot technology that can process our natural human language and generate a response.

International Labour Organization :

An agency in the United Nations whose terms of office look after social and economic questions and justice by setting international labor standards for every UN country.

Ressources :

In computing, resources are components, hardware or software, connected to a computer. Any internal system component is a resource. Virtual system resources include files, network connections, and memory areas.

Retail :

The industry selling goods to the public in relatively small quantities for use or consumption rather than for resale.

Software :

The programs and other operating information used by a computer.

EXPLANATION OF THE TOPIC

Recent years, the Human species has experienced a significant step forward in the creation of new technologies. Computer softwares are now capable of performing a lot of tasks that were only exclusive for humans a few decades ago.

Since the apparition of the Artificial Intelligence (AI), the feelings over it have diversified. On one hand, this technology begins a new era in the technology industry. On the other hand, it establishes a panic wave inside the human community. Many artificial intelligences already performs the work of one or more humans has a bluffing rate and with a minimal or even innexisting cost. Almost every industry all around the world benefits from AI in numerous ways. Here is few example of sectors ;

- Manufacturing
- Agriculture
- Food service
- Retail*
- Transportation
- Logistics
- Hospitality

Unfortunately, AI is not only known for replacing some work tasks but also for using other creators' data. Using such a manner to proceed creates a harmful upcycling content that will de-mobilize the (hard) work of other human workers.

Seven different types of AI

Site:

<https://www.simplilearn.com/tutorials/artificial-intelligence-tutorial/types-of-artificial-intelligence>

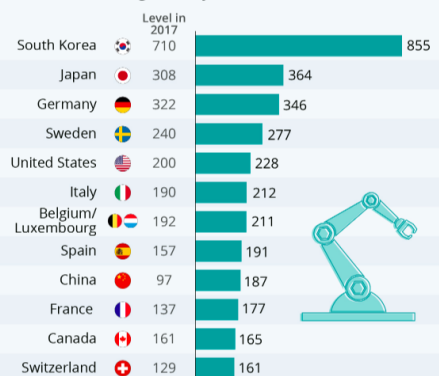
Youtube vidéo :

https://www.youtube.com/watch?embeds_referring_euri=https%3A%2F%2Fwww.simplilearn.com%2F&source_ve_path=Mjg2NjIsMjg2NjQsMTY0NTAz&feature=emb_share&v=VNz3KGoAhG4

CAUSES AND CONSEQUENCES

The Countries With The Highest Density Of Robot Workers

Installed industrial robots per 10,000 employees in the manufacturing industry in 2019*



1. Stolen Jobs

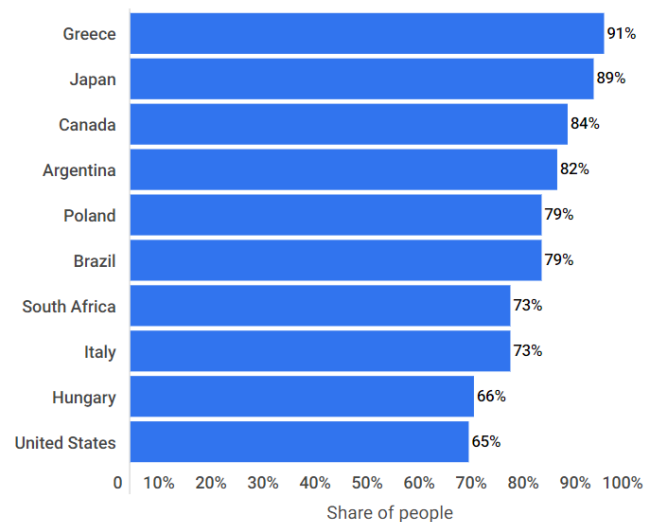
Countries around the world use artificial intelligence in different sectors. Many invest heavily in improving their services. Employees in several countries are replaced by robots or algorithms which creates an unemployment rate above the average of the countries.

2. Work-related anxiety

Many workers fear that their work will one day be replaced by an AI and that they will have to find another job or find themselves unemployed to live.

This mass anxiety has a significant impact on how people see the future and on how much effort employees are willing to give. Motivation and despondency are two sides of the same piece

SHARE OF PEOPLE WHO BELIEVE AI WILL DO MUCH OF THE WORK DONE BY HUMANS BY COUNTRY



3. Advantages and disadvantages

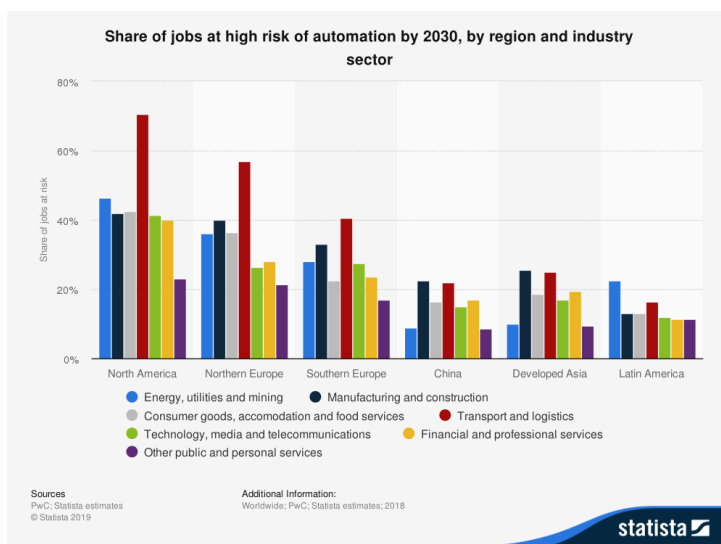
Because of this increase in AI production, many business CEOs prefer to invest in AI rather than hire new employees. Artificial intelligence are much cheaper in the long run than human employees and have several advantages:

- They don't have to take breaks or eat
- They don't get sick
- They don't have to be paid
- They can do many services
- ...

Of course, these advantages are not actual in every case but they lead to the decision of CEOs to not hire new employees. Besides, even if AI has many advantages, it also has disadvantages. Such as :

- Technical issue (breakdown, charging, ...)
- Ressources
- Unknown
- algorithmic bias
- ...

4. Share of jobs at the higher risk of automation



The statistic shows the share of jobs at high risk of automation by region and industry sector. By 2030, 46.5 percent of jobs in the energy, utilities and mining industry in North America are at high risk of automation.

SOLUTIONS IDEAS

1. **Upskilling and Reskilling programs:** Provide programs and formations that will train and educate employees acquiring new skills for the future work world
2. **Improved job security :** Improve jobs which are too dangerous by putting AI in place to avoid glitches (such as airplane pilots).
3. **Universal Basic Income:** Implement a universal basic income (UBI) program. UBI is a system in which all citizens are given a regular income, regardless of whether they are employed or not.

However this solution can become a problem, it should be imperatively discussed about questions such as the cost and who is funding it.

4. **Job Splitting:** Splitting a full-time job between two or more workers. This would allow more people to have employment opportunities while reducing the number of hours worked by each worker.
5. **Create new jobs:** AIs could be defined as a new market has exploited, which means a new possibilities of jobs creation
6. **Implement a robot tax:** A robot tax is a tax on companies that use automation to replace human workers.
7. **Only using AI for specific work :**
 - a. replacing a boring part of a job by an AI software and leaving the “great” part of the job for the employees. → will produce a spell for a job at the base “boring”
 - b. Only using AI for jobs that humans can't do. Example: Algorithms.

USEFUL LINK

What's ILO?

<https://www.ilo.org/global/about-the-ilo/lang--en/index.htm>

The UN Department of Economic and Social Affairs view :

- <https://www.un.org/en/desa/will-robots-and-ai-cause-mass-unemployment-not-necessarily-they-do-bring-other>

Impacts and Crisis :

- <https://www.technology.org/2022/09/17/the-impact-of-artificial-intelligence-on-unemployment/>

- <https://medium.com/the-future-of-ai-and-how-it-effects-the-work-place/ai-and-the-unemployment-crisis-800438ea24c0>

- <https://www.youtube.com/watch?v=wk15FqP1RH0>

How to deal with :

- <https://medium.com/@a.sale/artificial-intelligence-how-do-we-deal-with-unemployment-12e054d0b766#:~:text=To%20address%20the%20issue%20of,the%20jobs%20of%20the%20future.>