

**BTS SERVICES INFORMATIQUES AUX ORGANISATIONS**  
**Sous-épreuve E12- Expression et communication en langue anglaise**  
**Session 2024**

Coefficient 1

Durée maximale de l'épreuve : 20 minutes

Préparation : 20 minutes

**Déroulement de l'épreuve :**

- 1) Expression orale en continu (5 minutes maximum)

Présentation en anglais de l'analyse du dossier et de la situation en lien avec le secteur professionnel

- 2) Expression orale en interaction (15 minutes maximum)

Échange en anglais avec l'examinateur à partir de l'analyse du dossier et de la mise en situation

**L'usage d'un dictionnaire n'est pas autorisé.**

**Composition du dossier du candidat**

<b>Document A</b>	<b>Video:</b> Did you know...?
<b>Document B</b>	<b>Infographie:</b> Linear economy vs circular economy
<b>Document C</b>	<b>Texte:</b> The power of green computing
<b>Mise en situation et questionnaire</b>	

*Ce sujet comporte 4 pages. Il est conseillé au candidat de vérifier que le sujet est complet.*

## DOSSIER DU CANDIDAT : GOING GREEN

### Document A

Did you know...?

<https://www.youtube.com/watch?v=l2ZHpY72srU>

*Oklahoma GDC, October 17, 2023*

### Document B



<https://www.i-scoop.eu>

## Document C

### The power of green computing

"Sustainable computing practices have the power to both infuse operational efficiencies and greatly reduce energy consumption", says Jen Huffstetler, chief product sustainability officer at Intel.

"Investments now in green computing can offer innovative outcomes for the future", says Jen Huffstetler. But transitioning to sustainable practices can be a formidable challenge for many enterprises. The key is to start small and conduct an audit to understand your energy consumption and identify which areas require the greatest attention. Achieving sustainable computing requires company-wide focus from CIOs to product and manufacturing departments to IT teams.

"It really is going to take every single part of an enterprise to achieve sustainable computing for the future," says Huffstetler.

Emerging AI tools are on the cutting edge of innovation but often require significant computing power and energy.

Mitigating this energy consumption while still enabling the potential of AI means carefully optimizing the models, software, and hardware of these AI tools. This optimization comes down to focusing on data quality over quantity when training models, using evolved programming languages, and turning to carbon-aware software.

As AI applications arise in unpredictable real-world environments with energy, cost, and time constraints, new approaches to computing are necessary.

*MIT technology review insights, October 23, 2023*

## **MISE EN SITUATION**

You are the IT technician for an accounting firm whose boss has decided to have a green policy and asks you for advice.

## **QUESTIONNEMENT**

What are the advantages for firms to be more ecofriendly?

According to you, what measures should be implemented in the firm?