

# **Ice cores for teachers** GIFT session @EGU24 16 April 2024



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 955750

https://deepice.cnrs.fr



GIFT Workshop EGU24

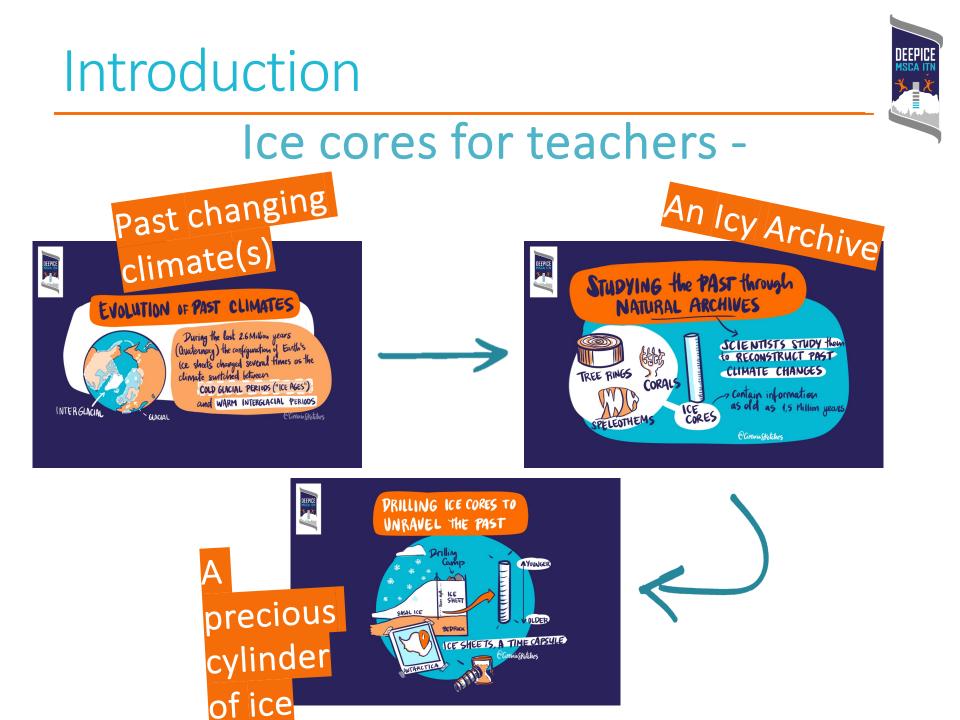
### The Changing Climate of our Planet



(Image credit: David Carillet | Shutterstock.com)

Ice cores for teachers an educational kit for teaching climate and geosciences



















# An educational kit

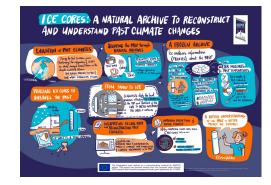
#### DEEPICE STORIES: INSIGHTS INTO ICE AND CLIMATE

#### A series of 15 short educational videos

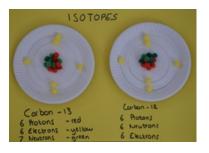


#### Complementary resources

#### & ideas for classroom activities







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# An educational kit







# **DEEPICE Project**

#### KEY FACTS



H2020 Marie Skłodowska-Curie Actions - Innovative Training Networks



1 January 2021 -31 December 2024

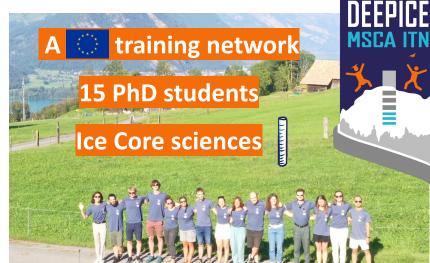


11 partner organisations 15 PhD students

10 beneficiaries

11 countries

4 166 057,88 €













### 1. Presentation of the videos series (5 mn)

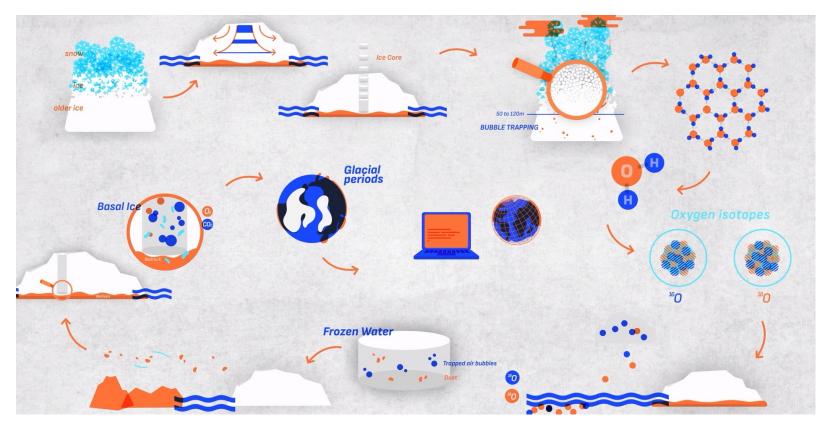
2. Themed discussions (3 x 15mn) – 3 groups

3. Conclusion (5 mn)





#### **DEEPICE STORIES: INSIGHTS INTO ICE AND CLIMATE**













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- 2. Themed discussions (3 x 15mn) 3 groups
- 3. Conclusion (5 mn)





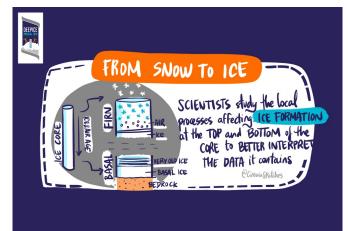
### **GIFT Workshop**

Themed discussions (3 x 15mn)

**TOPIC A :** What are ice sheets and ice cores ?

**TOPIC B :** What can ice cores tell us about greenhouse gases?

**TOPIC C :** What can ice cores tell us about the temperature?









- 1. Presentation of the videos series (5 mn)
- 2. Themed discussions (3 x 15mn) 3 groups
- 3. Conclusion (5 mn)

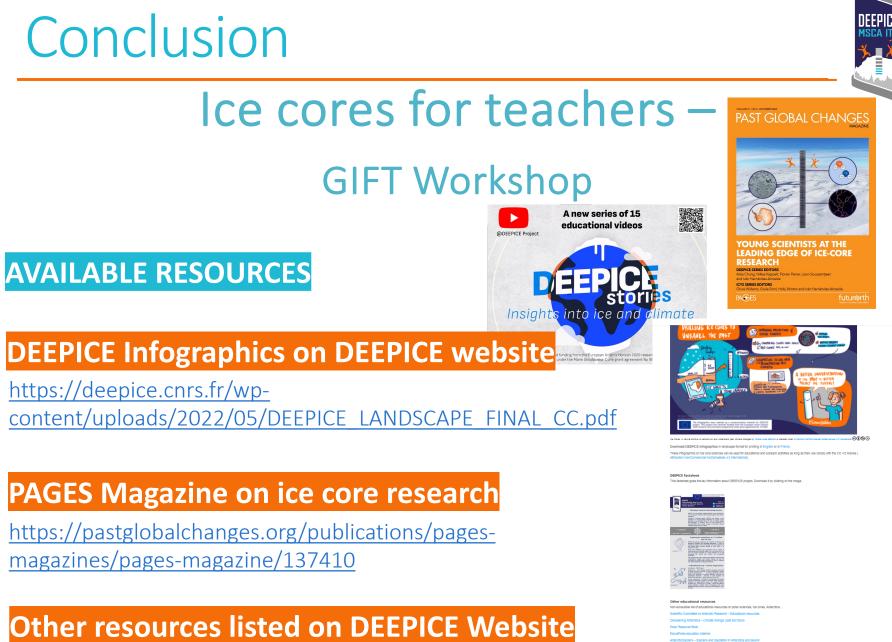
# Conclusion



# Ice cores for teachers – GIFT Workshop



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https://deepice.cnrs.fr/communication-resources/

#### Antarotocilasters – Glaciens and Glaciation in Antaroto Classroom Activity: oreating loe cores – Tutorial 1 Classroom Activity: oreating loe cores – Tutorial 2 Various classroom activities on (paleo)olimate and loe o Educational resources on loe core sciences



# **GIFT Workshop**

#### AVAILABLE RESOURCES

### DEEPICE Video series on Youtube

https://www.youtube.com/watch?v=4Lr\_CGcUdd U&list=PLYycEWz9Iu3Rgeyy8pWingd-ai8oKg-io

### AVAILABLE IN A FEW WEEKS!

### Recap brochure of the workshop on DEEPICE website

### Quizz related to the DEEPICE videos series





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These Infographics on ice core sciences can be used for educational and outreach activities as long as their use comply with the CC 4.0 I Attribution-NonCommercial-NoDenhatives 4.0 international).

DEEPICE Factsheet This factsheet glues the key information about DEEPICE project. Download it by clicking on the image

Other educational resources

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Various classroom activities on (paleo)olimate and loe or Educational resources on loe core sciences Manuforcementary on valuoritimate (in Pracem)

# Stay in touch





### https://deepice.cnrs.fr

Contact us: deepice@lsce.ipsl.fr X @deepice project



### @EGU2024

### State-of-the-art in ice core sciences session

- Orals: Wednesday 17 April, from 10:45am to 6pm, Room 0.49/50
- Poster: Thursday 18 April, 10:45am to 12:30pm, Hall X5

### @Science is Wonderful Festival, Brussels, 24-25 April

- The Antarctic lab, a trip back in time (Booth 13 Thurs. & Fri.)
- « Rendez-vous en Antarctique » (Science show on Thurs. 9:15am)

#### @Etincelles du Palais de la Découverte, Paris, 4 May

- Workshop « 1 chercheur, 1 manip » on ice cores
- Only upon registration (opens 15 days in advance) here:

https://billetterie.palais-decouverte.fr/