

Bamboo for Green Life and Sustainable Development
16-21 SEPTEMBER 2022 | PHU AN BAMBOO VILLAGE,
BINH DUONG PROVINCE, VIETNAM



31

Đài Tưởng Niệm Các TP. MCH - Việt Nam - Hội đồng Bảo tồn di sản của HCM
Tưởng Niệm Các TP. MCH - Việt Nam - Hội đồng Bảo tồn di sản của HCM
Làng Tre Phú An - Phú An Bamboo Village
Tưởng Niệm Các TP. MCH - Việt Nam - Hội đồng Bảo tồn di sản của HCM
Đài tưởng niệm các TP. MCH - Việt Nam - Hội đồng Bảo tồn di sản của HCM
Mùa Xuân 2022
Làng Tre Phú An - Phú An Bamboo Village

Bamboo collection, conservation, computerization and enhancement for sustainable development.

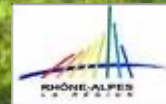
My Hanh Diep, Marc Pignal, Jacques Gurgand, Soejatmi Dransfield, Nguyen Khac Dieu, Nguyễn thị Bích Loan, Ly Ngoc Sam and Régine Vignes-Lebbe

Viet Nam Bamboo Resources Conservation

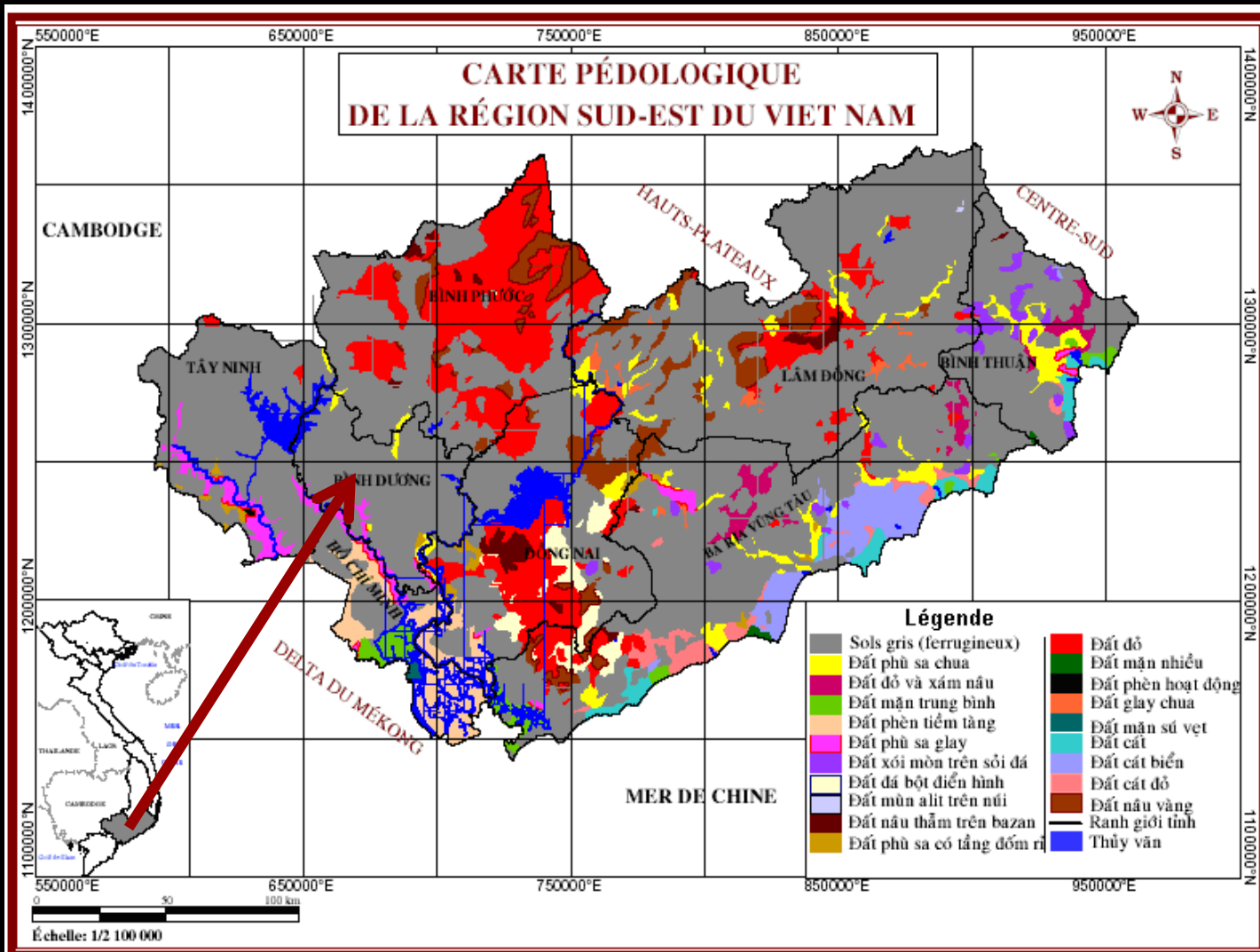
Phu An Bamboo Village Equatorial Prize 2010 of UNDP Jardin Botanique Francophone



Xin chào
Bonjour
Good afternoon



Site of Phu An Bamboo village: in the iron triangle



Village de Phu An situé au bord de la rivière où la biodiversité est restée très riche

Phu An Bamboo Village is located along a river where biodiversity is still abundant

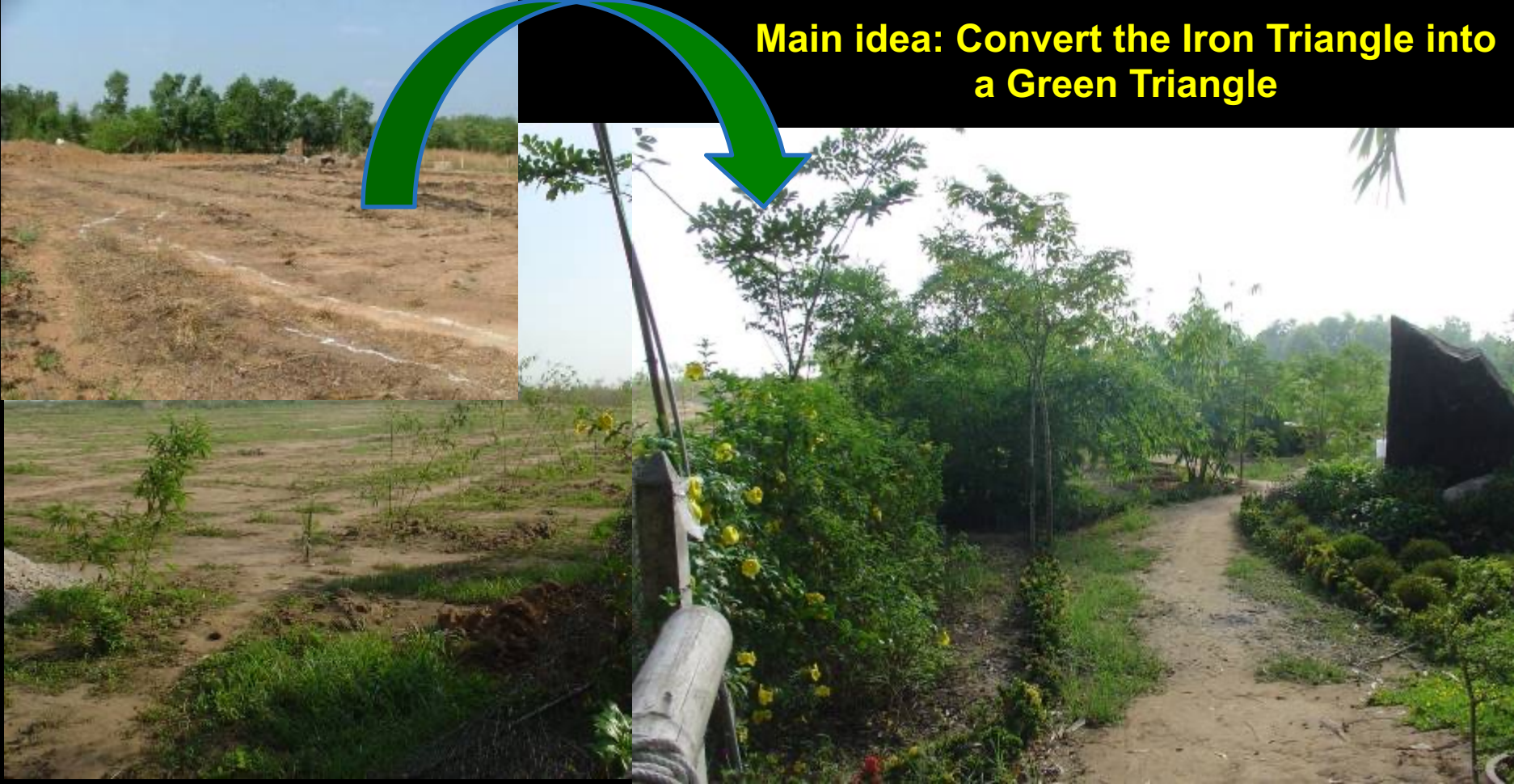


**La biodiversité au bord de la rivière :
des fleurs de beauté simple mais saisissante**

**The biodiversity along the river:
flowers with a simply beauty but captivating**



Main idea: Convert the Iron Triangle into a Green Triangle



Avant et après l'aménagement du terrain pour transformer le triangle de fer en triangle vert

Before and after planning to convert the Iron Triangle into a Green Triangle

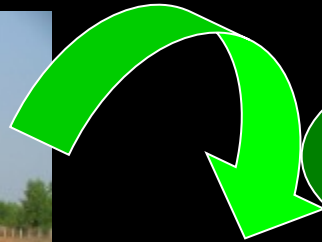
Changement des conditions sociales:
le conservatoire, un lieu de bien être pour les villageois

A change in social conditions :
Botanical Conservation – a new look for the community

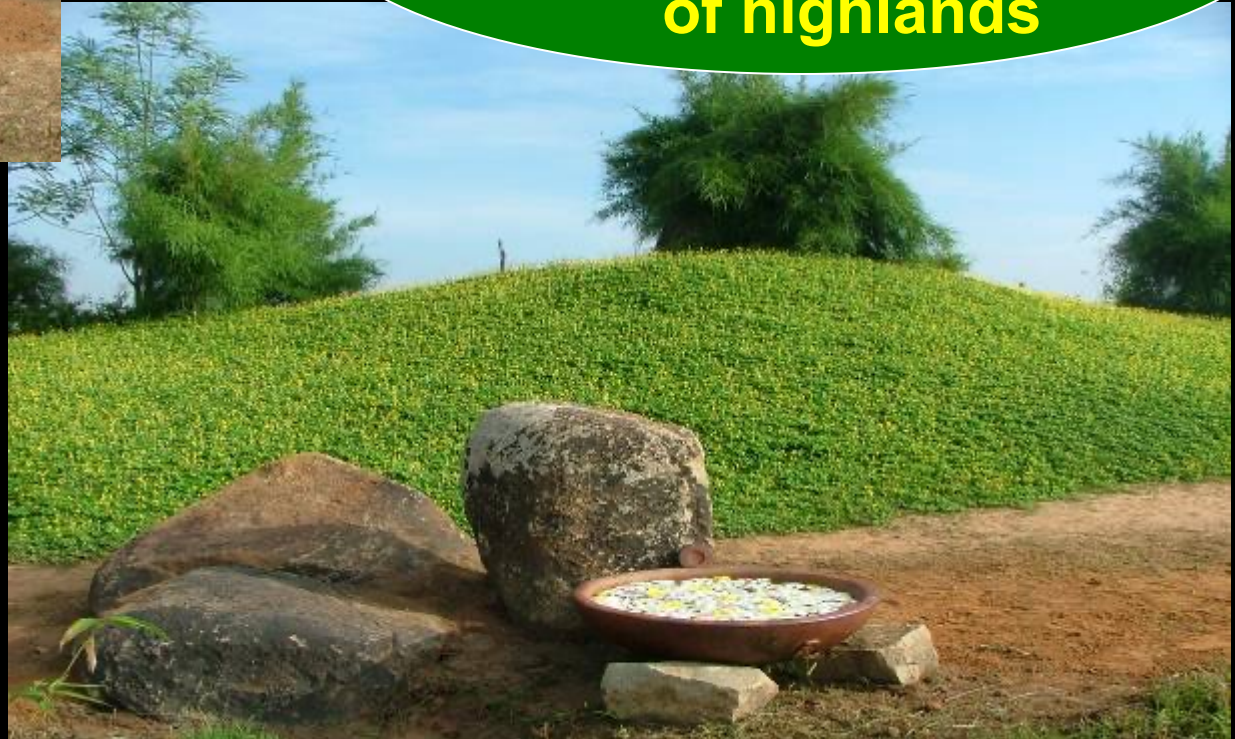


Avant
l'aménagement

Before the planting



Après la plantation
des bambous des Hauts Plateaux
**After planting bamboos
of highlands**

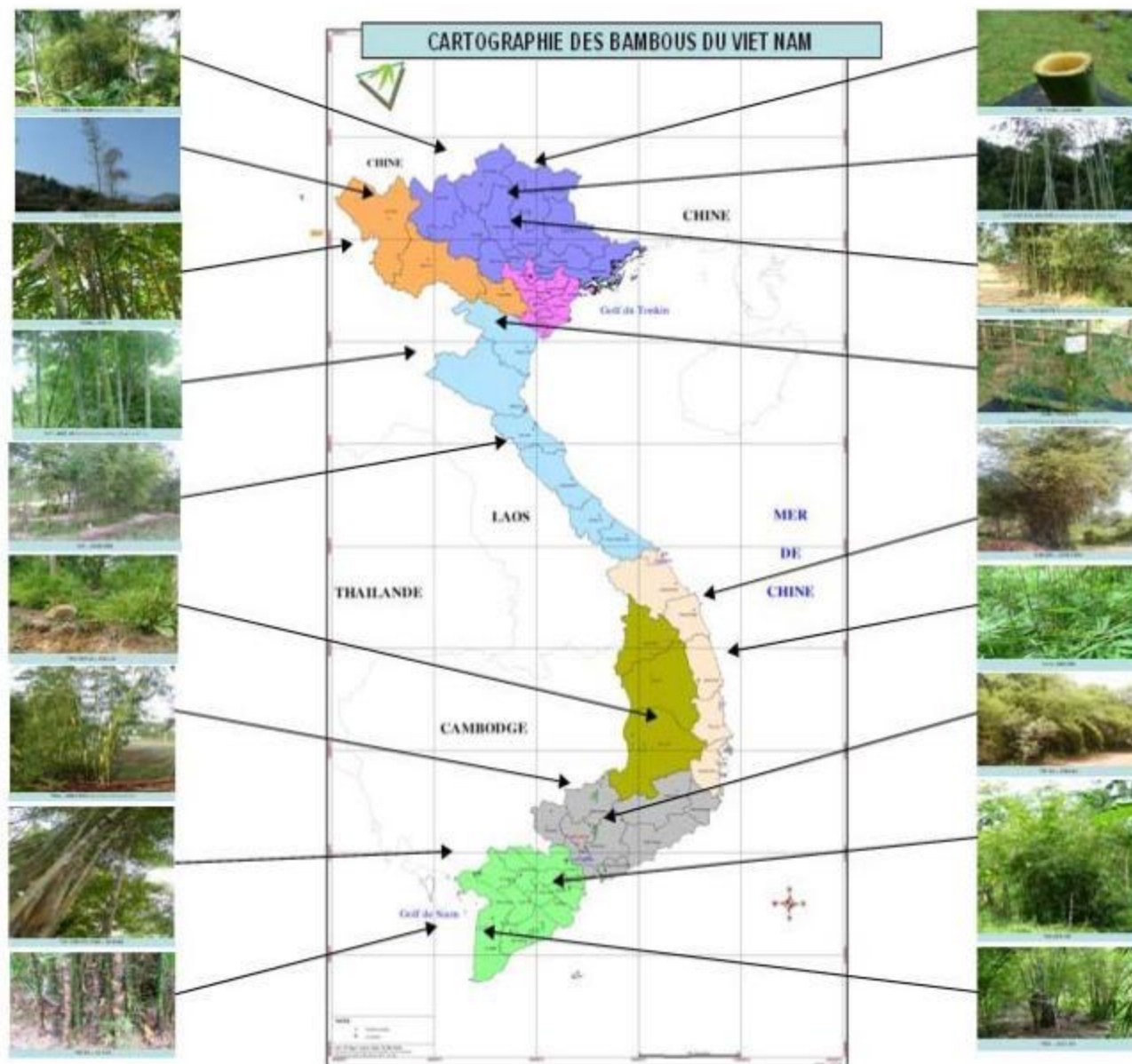


**Scientific research for bamboo
conservation and sustainable
development**

Bamboo collection

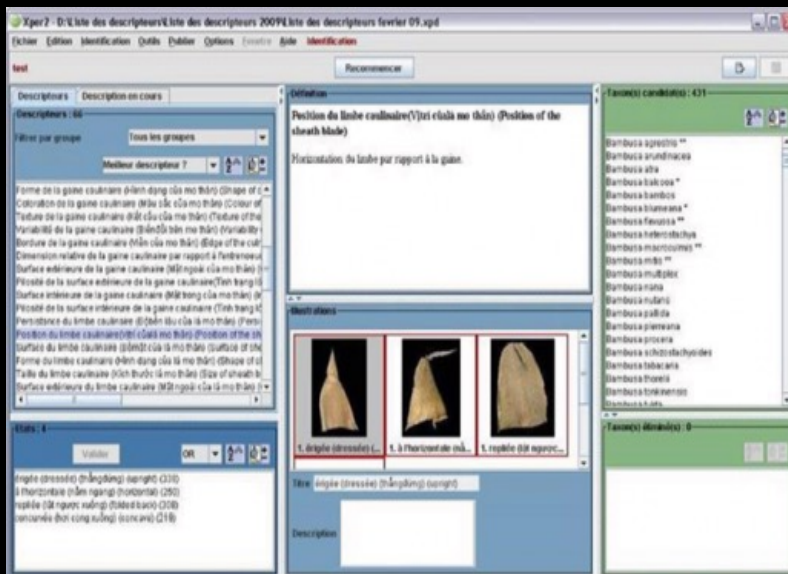


Collecting bamboos in Viet Nam (2003-2007:301 specimens collected)



Xper 2/Xper 3 Knowledge Base

- Computerization of morphological descriptors of bamboos
- Discriminating characteristics
- Classification key



Study of the role of bamboo in protecting the environment for sustainable development

- Environmentally friendly material from bamboo fiber
- Adaptation of bamboos in different areas
 - Bamboo in dry region
 - Bamboo in flooded areas: to protect the bank of the river and fight against the storm
- Solution for people in flooded areas to adapt with climate change:
 - Floating house by bamboo for flooded area.
 - Bamboo piroques for flooded areas



The green wall in Ninh Thuan- arid zone

**BỨC TƯỜNG XANH
LA GRANDE MURAILLE VERTE**

04/12/2020 11:07

For sustainable development



The “Route of Bamboo”, real and virtual, connecting bamboo species in variety of types, connecting dry ecological areas, sloping and seasonal flooded regions, bring together goodwill for growing bamboos and constitute the heart of humanity.

The “Route of Bamboo” messages to farmers, who sell their back to the sky and their face to land for living about the importance of diversity conservation and to adapt with climate change, connecting communities living around the bamboo with scientists to find solutions for the sustainable development and to maintain a healthy environment for the people.

Activities for sustainable development

- **Education for the children: green class with bamboo**
- **Student formation**
- **Communication for people**

Formation and education Most important for future



Utilisation des sols pour le dessin en sensibilisant les enfants à la protection de l'environnement

Using the soil for drawing to create a sense of protecting the environment for the children



Phu An Bamboo Ambassador



Communication: Bamboo Day in Phu An bamboo village





**Con đường tre – The route of bamboos
(in Gao giông – Dong Thap province)**

The map of Vietnam in a small scale prepared for planting and ex-situ conservation bamboos



(Photo by flycam in 28/4/2021 – Gao giông – Dong Thap province)

News products from bamboo shoot



Arts from bamboo fiber



Truc chi

Products from bamboo



activated carbon



furniture



home appliance



Art handmade



**WPC from
Bamboo powder**



Bamboo wood



Bamboo



Bamboo fiber



Bamboo salt



Bamboo fabric



**Composite materials
from Bamboo fiber**

Products from bamboo in Vietnam



Bamboo wood



activated carbon

Bamboo salt

WPC from Bamboo powder



Bamboo



furniture



home appliance

Bamboo fabric



Composite materials from Bamboo fiber



Bamboo fiber



Art handmade

Solution for the Bamboo Production in Vietnam



Le bambou, champion du développement durable
The bamboo, a champion of sustainable development
(Jacques Gurgand, 2010)



**MERCI POUR VOTRE ATTENTION
THANK YOU FOR YOUR ATTENTION**



Lac G: matin 6h06, le 21/05/2020