



CLIMCOR: paleoCLIMatic CORing: High Resolution and Innovations

Carottage paléoclimatique: Haute Résolution et Innovations

Dir. Denis-Didier Rousseau (denis.rousseau@lmd.ens.fr), Dir. Adj. Michel Calzas (michel.calzas@cnr.fr)

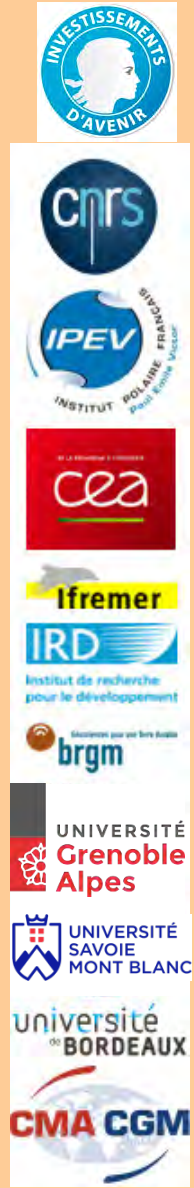
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WP3 CLIMCOR-OCEAN



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The oceanographic ship Marion Dufresne in dry dock in the Damen shipyard in Dunkerque





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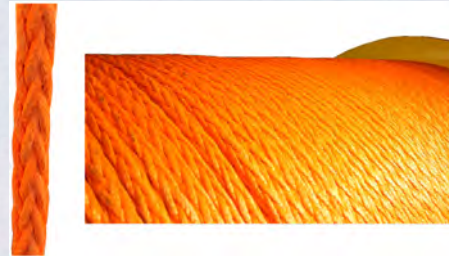
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WP3 CLIMCOR-OCEAN

1) New 45 tons winch
1,5 M€ + 0,25M€ (disassembling-assembling)

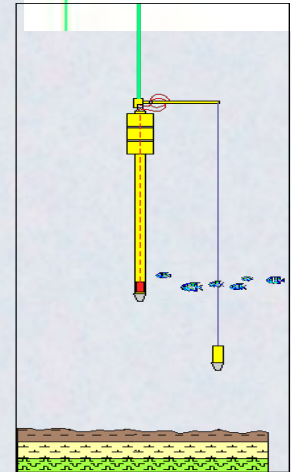


2) Development of a new 7200m textile deep-bottom cable, to obtain more stiffness and robustness
0,44 M€



TREUIL

CÂBLE



Initial Project fully completed:

- **WP3, CLIMCOR-OCEAN:** Development of the version IV of CALYPSO giant piston corer
- Development of a new generation of synthetic cable
- Development and modernization of the heavy load coring winch
- + Refurbishment of R/V Marion Dufresne (13 M€)

Opening to the communities: ERC ACCLIMATE project; BNP Paribas & ANR SOCLIM project.



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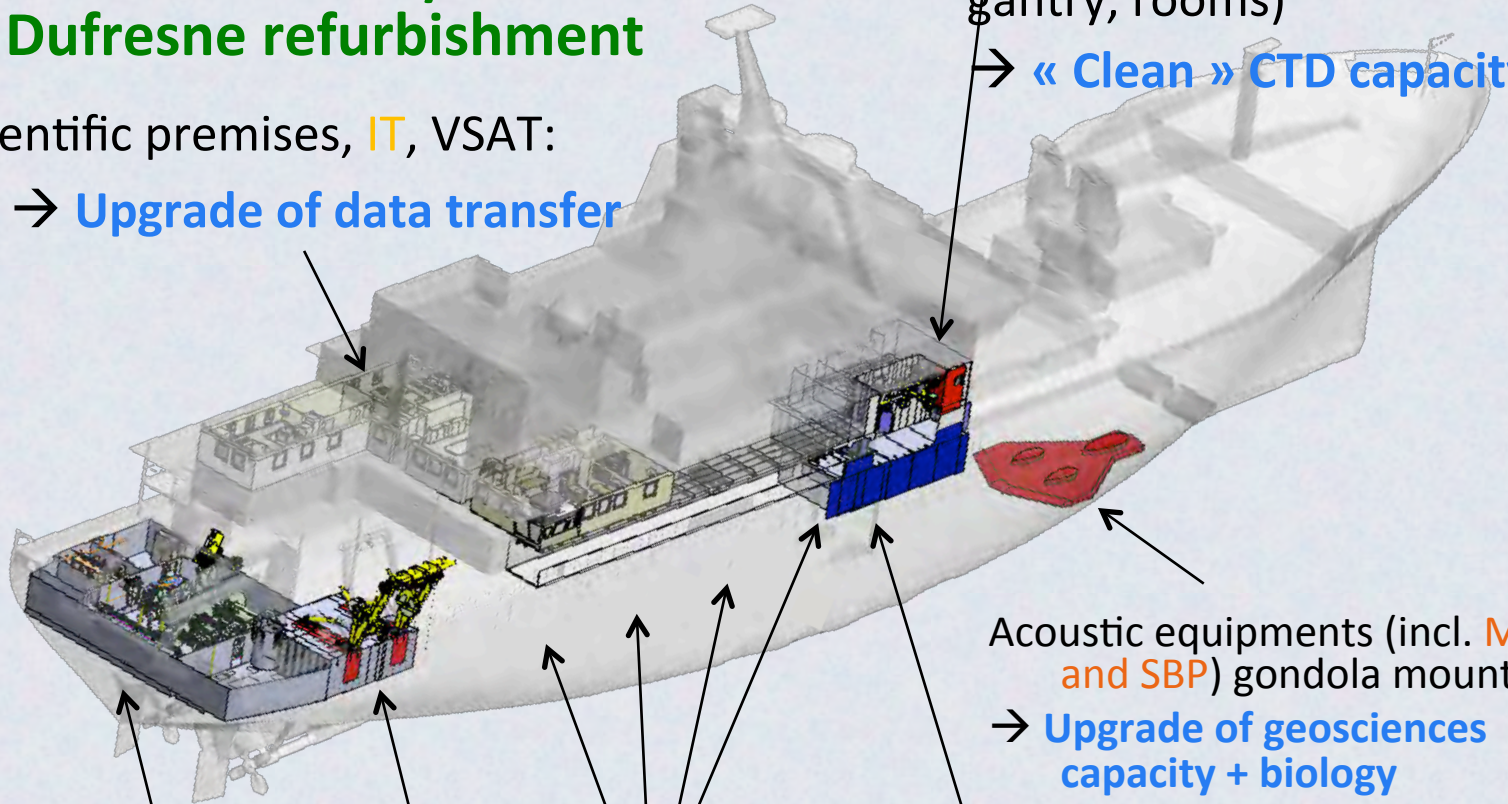
Synthesis of the R/V Marion Dufresne refurbishment

Scientific premises, IT, VSAT:

→ Upgrade of data transfer

Hydrologic system (winch, gantry, rooms)

→ « Clean » CTD capacity

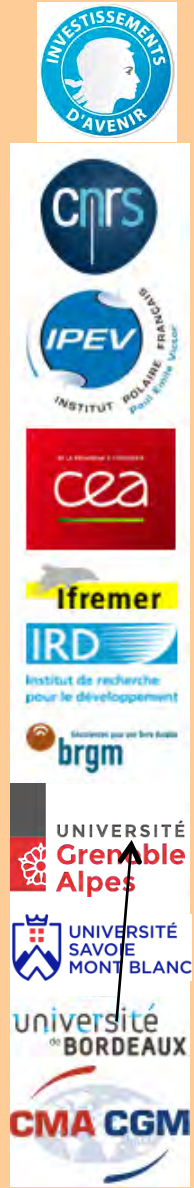


Acoustic equipments (incl. MBES and SBP) gondola mounted

→ Upgrade of geosciences capacity + biology

Coring winch, coring A frame, coring booms, bulkward

→ Upgrade of coring facilities, up to 75 m long cores





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Preparation of CLIMCOR OCEAN Step2

- Since the submission of the business model, the R/V Marion Dufresne has been moved under the responsibility of Ifremer implying a complete reconsideration of the initially prepared business model of WP3 OCEAN as the shift was decided at the level of CNRS-INSU, Ifremer and Minister of Research leaderships.
- Now the complete management of OCEAN Coring (man power, money funding and schedule) is under Ifremer leadership.

Questions devant servir de fil conducteur à la réunion de clôture de tranche 1 des Equipex

- 1/ Quels étaient les objectifs initiaux et ont-ils été remplis ? **Treuil+Câble: OK**
- 2/ Des problèmes ont-ils été rencontrés avec le(s) fournisseur(s) d'équipements? **NON**
- 3/ Comment sont expliquées les (éventuelles) modifications apportées? -
- 4/ Les éventuelles demandes du Premier ministre (annexe 4 à la convention) ont-elles bien été respectées? -
- 5/ La dotation prévue pour la tranche 1 a-t-elle été entièrement dépensée? **OUI**
- 6/ Y a-t-il eu des recrutements et si oui quel est leur devenir après la fin de la tranche 1 ? **NON**



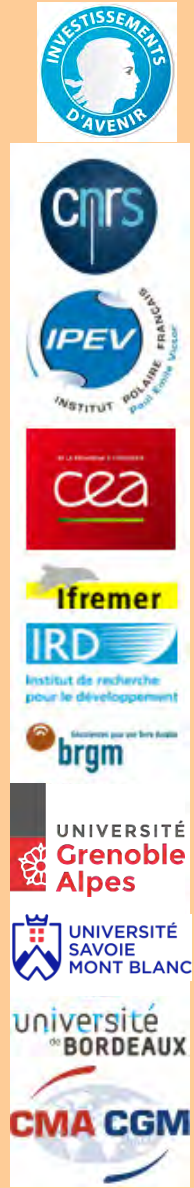


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South Ocean and Climate Field Studies with innovative tools

