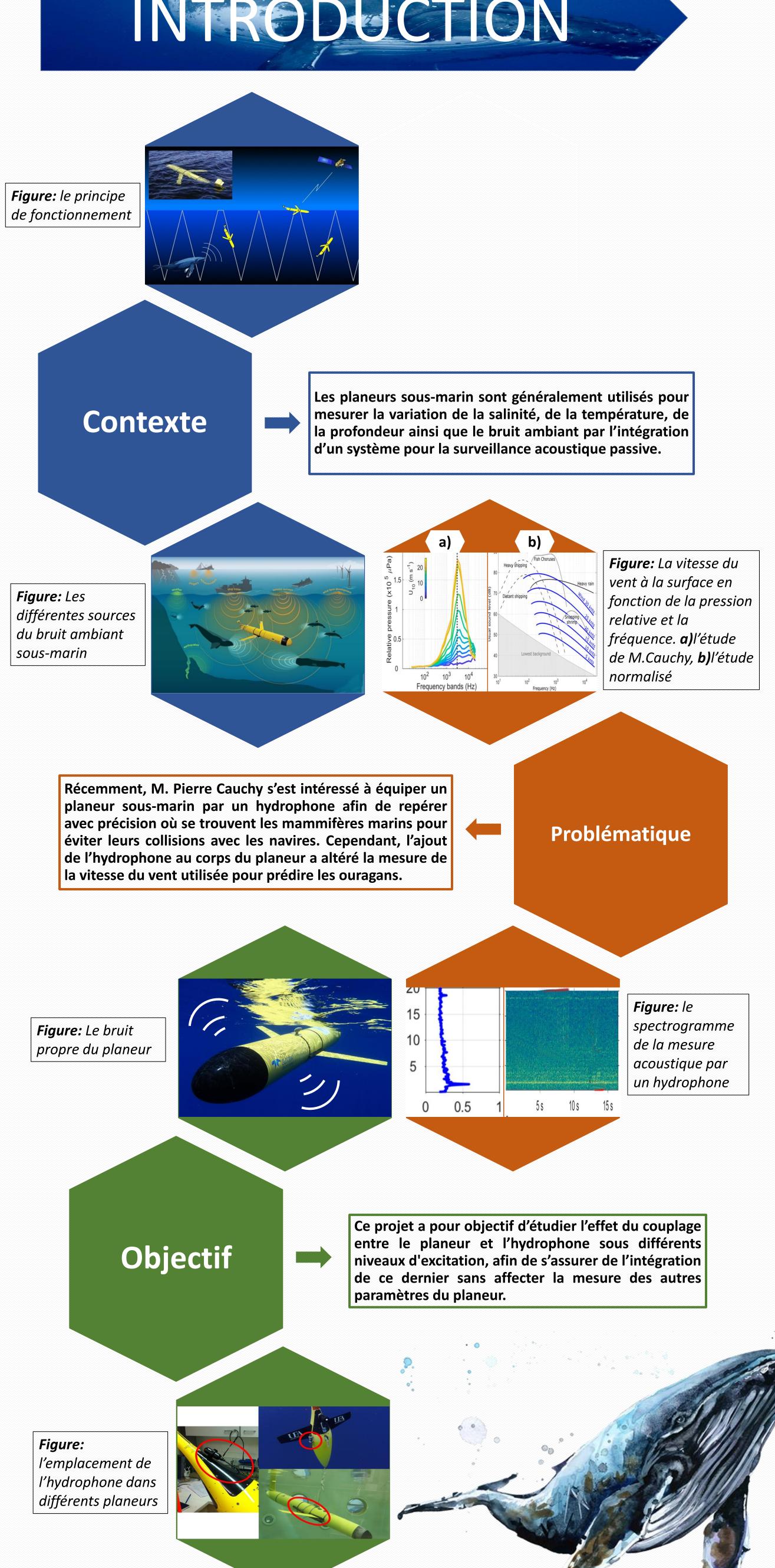


Caractérisation numérique de la réponse vibro-acoustique d'un planeur sous-marin : effets du couplage et de l'excitation

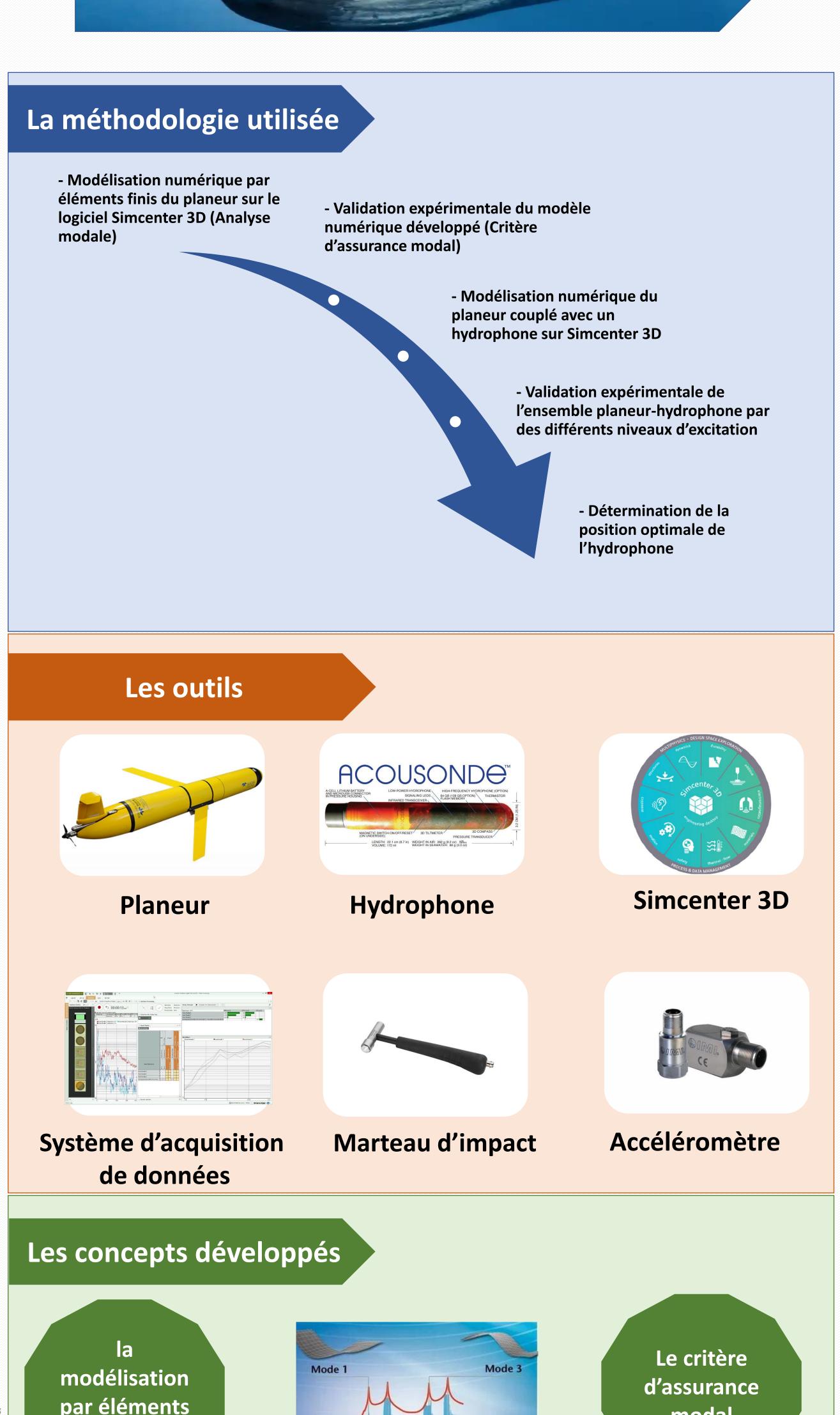


Membres de l'équipe: El korchi AYOUB, Cherif RAEF, Yaddaden YACINE, Cauchy PIERRE

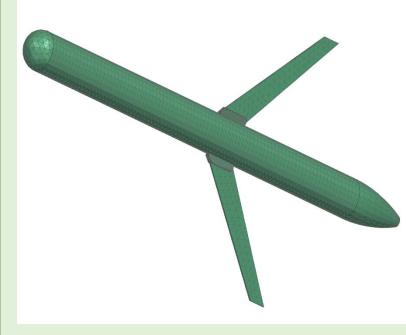
INTRODUCTION

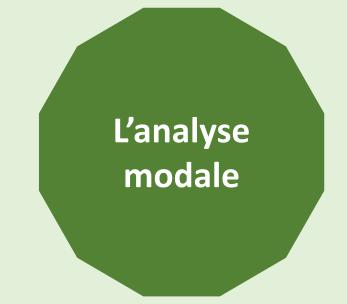


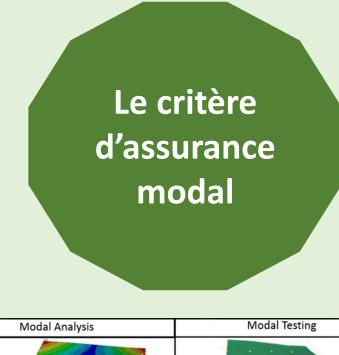
DÉVELOPPEMENT





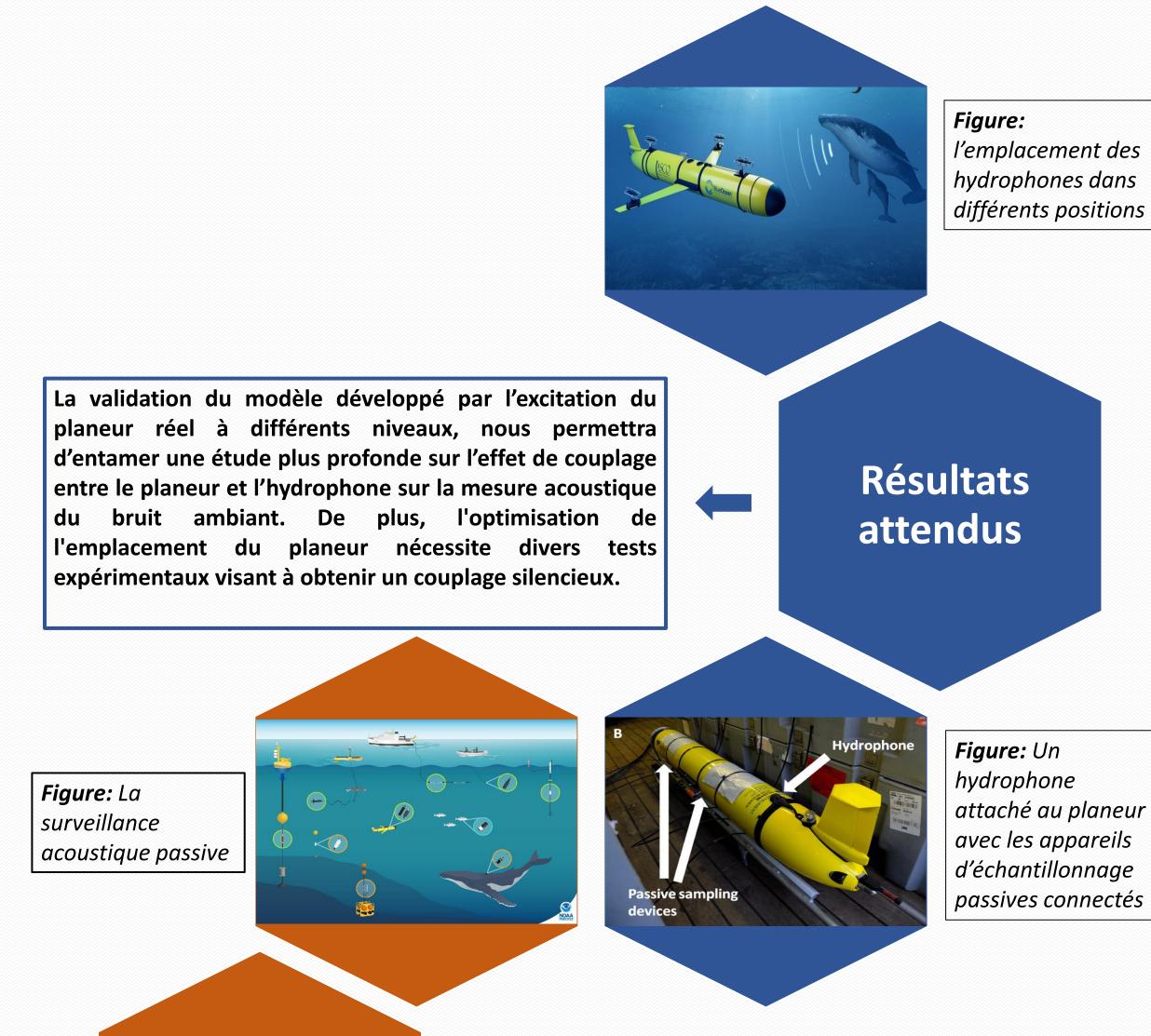


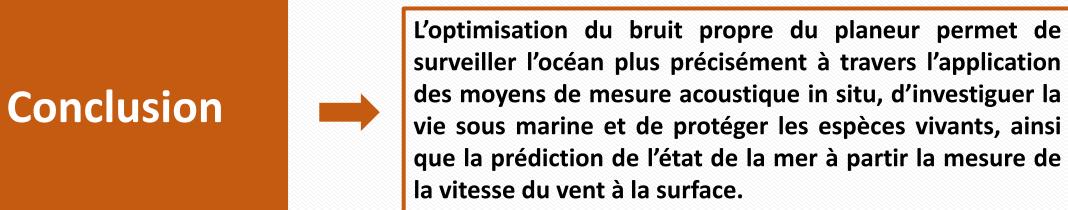


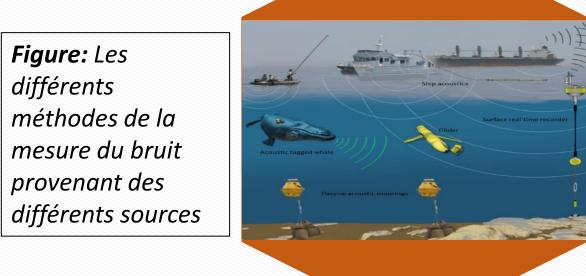


| Modal Analysis | Modal Testing |
|--------------------|--------------------|
| Mode 1: 1868.0 Hz. | Mode 1: 1890.3 Hz. |
| Mode 2: 2781.5 Hz. | Mode 2: 2636.7 Hz. |
| Mode 3: 3389.8 Hz. | Mode 3: 3221.2 Hz. |
| Made 4 (2011 2 Hz | Made 4: 4447.1 Us |
| Mode 4: 4391.2 Hz. | Mode 4: 4447.1 Hz. |

RESULTATS







Webb, D.C., Simonetti, P.J., Jones, C.P., 2001. Slocum: an underwater glider propelled by environmental energy. leee J. Oceanic Eng. 26 (4), 447–452

Références

