

# HEXAMOON Master Class 2018

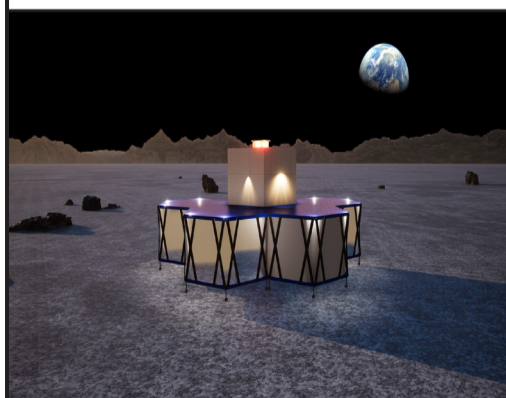
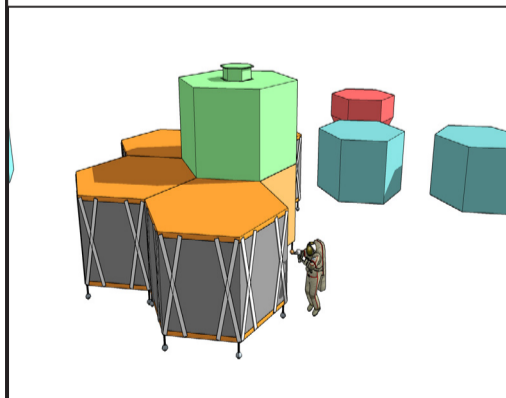
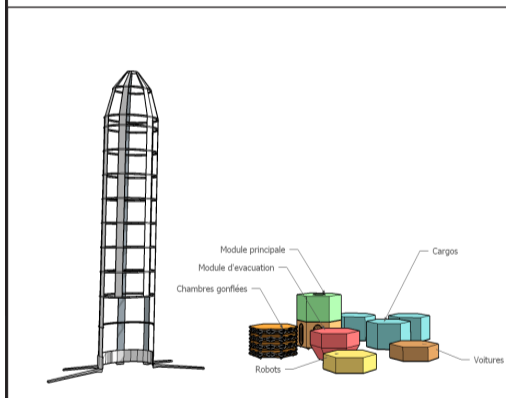
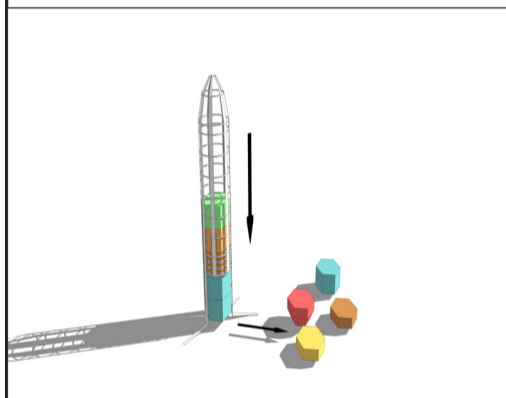
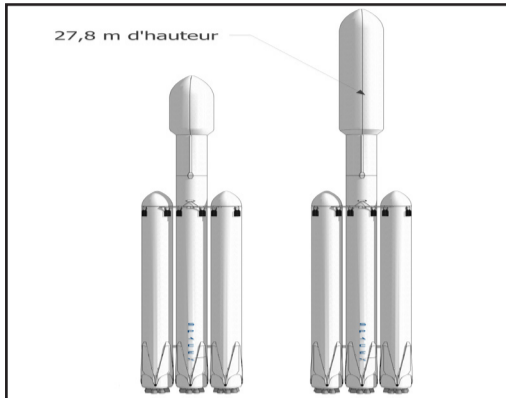


Elise DESBIOLLES // Betl KARAHAN // Jean-Philippe KIEFFER // Roman MIHAYLICHENKO // Julien RYCHEN  
IUT Robert SCHUMAN // UFR Physique et Ingénierie // ECAM // ENSAS

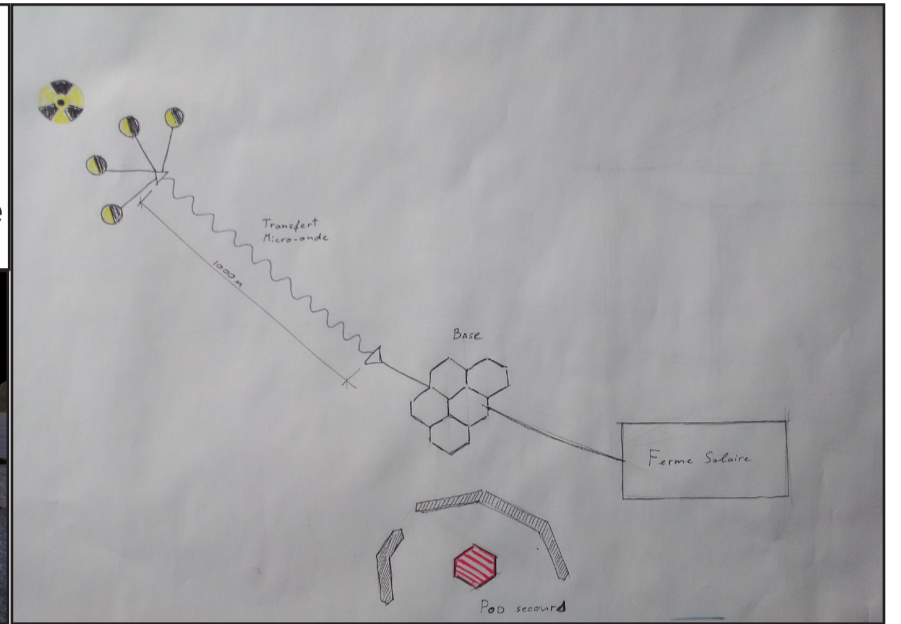
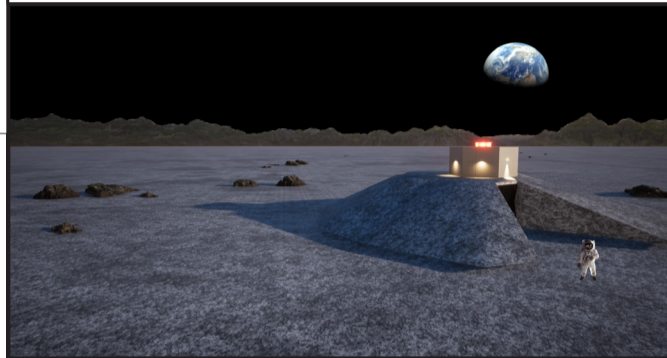
## Phases de l'alunissage:

## Mission:

## Positionnement des installations :



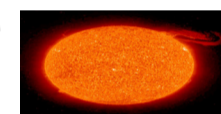
- DURÉE DE LA MISSION : 2 mois
- EQUIPAGE : 4 membres
- OBJECTIF : Exploration des sols et analyse des ressources
- OBJECTIF À MOYEN TERME: Etablir un «village lunaire»
- OBJECTIF À LONG TERME: Etablir un relais vers la planète Mars



**Source Nucléaire :**  
Kilopower+Micro Ondes

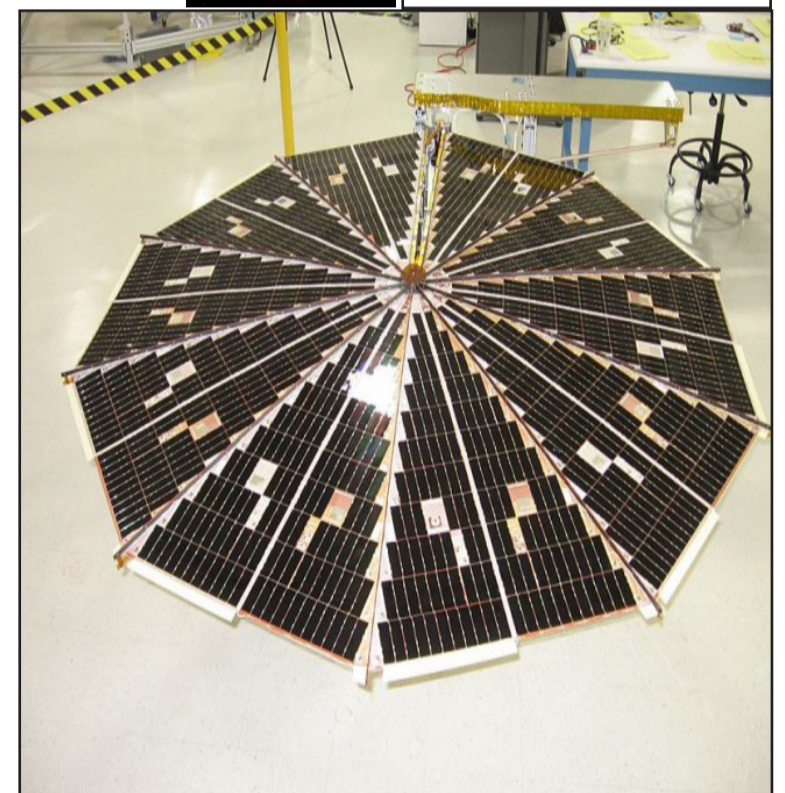
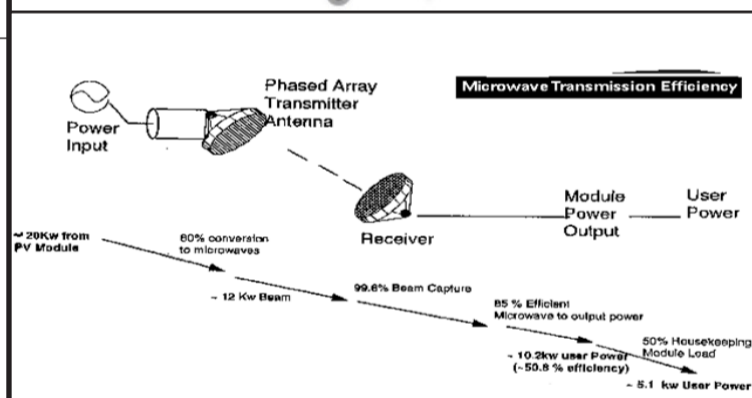
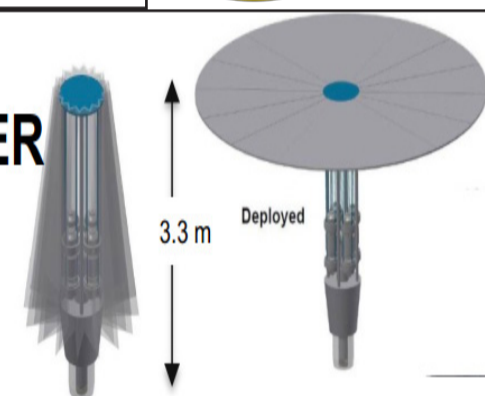


**Production d'énergie**



**Source Solaire :**  
Panneaux MegaFlex

**KILOPOWER DESIGN**



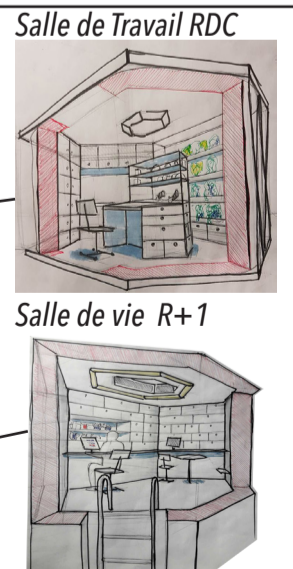
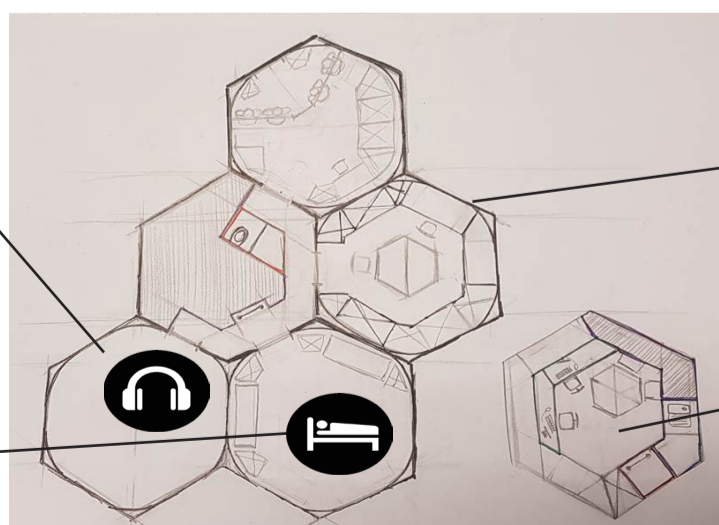
**Besoin d'énergie d'une base de 4 membres: 20 Kw**

**Transport par micro onde : perte 50%**

**4 générateurs : 40 Kw => Energie Disponible 20 Kw**

**Production solaire 30 kw.**  
**Limitée par les poussières et les périodes de nuit de 55h.**

## AMENAGEMENT INTERIEUR DE LA BASE



Strasbourg, école d'architecture

