

# ESA COMMERCIALISATION DAYS

HEALTH AND BIOTECH

19<sup>th</sup> April 2023 | ESA - ESTEC 

Emilio Simeone  
siHealth



*"Our satellites-based patented technology enables siHealth to improve daylight PDT treatments making them safe, more effective and reliable, for the maximum patient satisfaction."*



1 in 4

Actinic keratosis is the most common skin precancer; it affects **1 in 4 people** aged 60 and over in Europe.



**73%** of patients would have tried daylight-PDT treatment sooner had it been available in primary care.



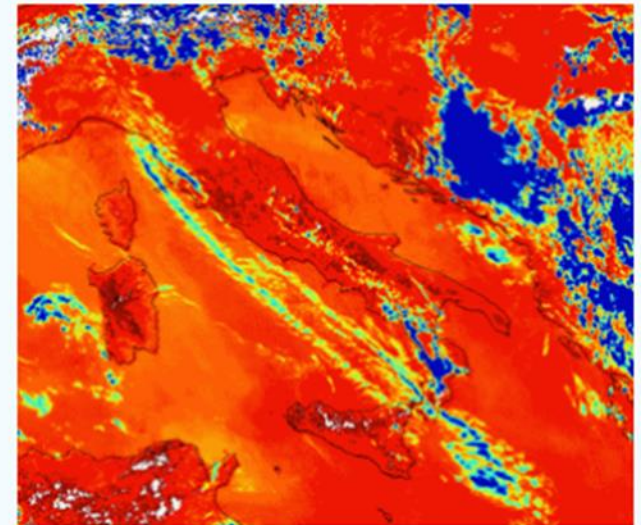
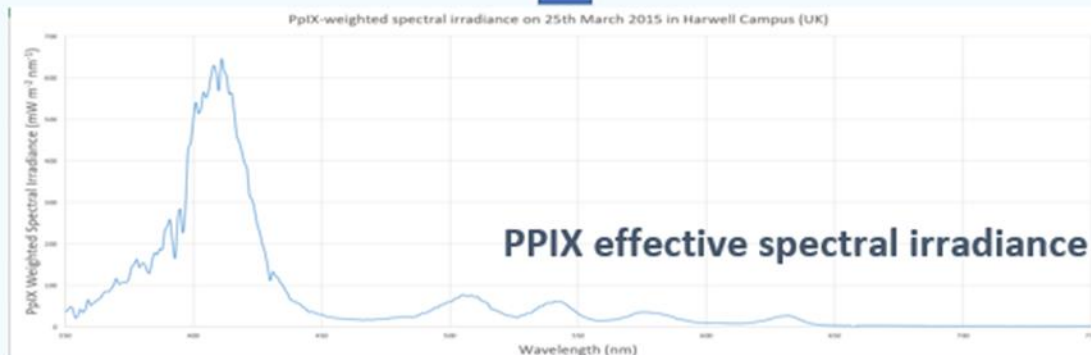
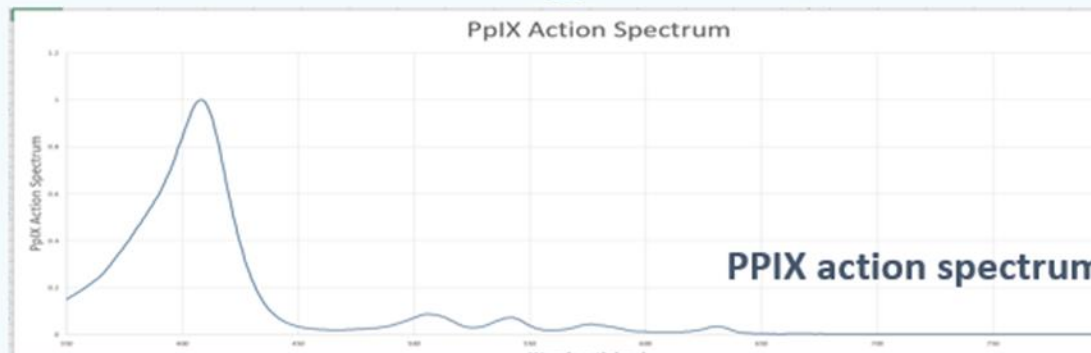
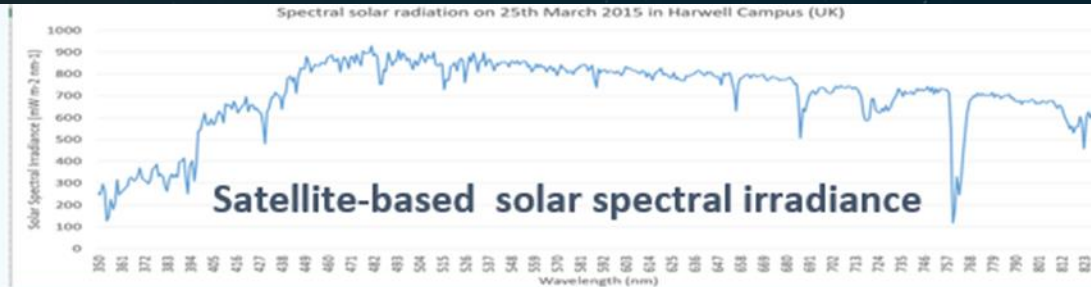
**45%** would consider doing daylight-PDT themselves at home.



# Unlocking daylight PDT therapy home treatment potential



# Satellite tech enabling safe & effective dPDT treatment



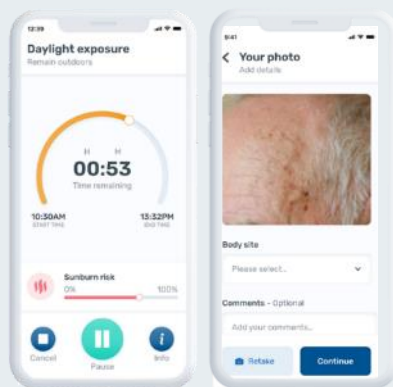
- 1 nm spectral resolution
- 3 km<sup>2</sup> spatial resolution
- 1 min temporal resolution



# Patient-centric Actinic Keratosis remote chronic disease management



**PpIX biotech  
phototherapy  
drug**



**Patients/  
Caregivers App**

**Dermatologist Web portal/App**

