① ② ③ ④ ⑤ ⑥ 7 8 9 10 11 12 13 14
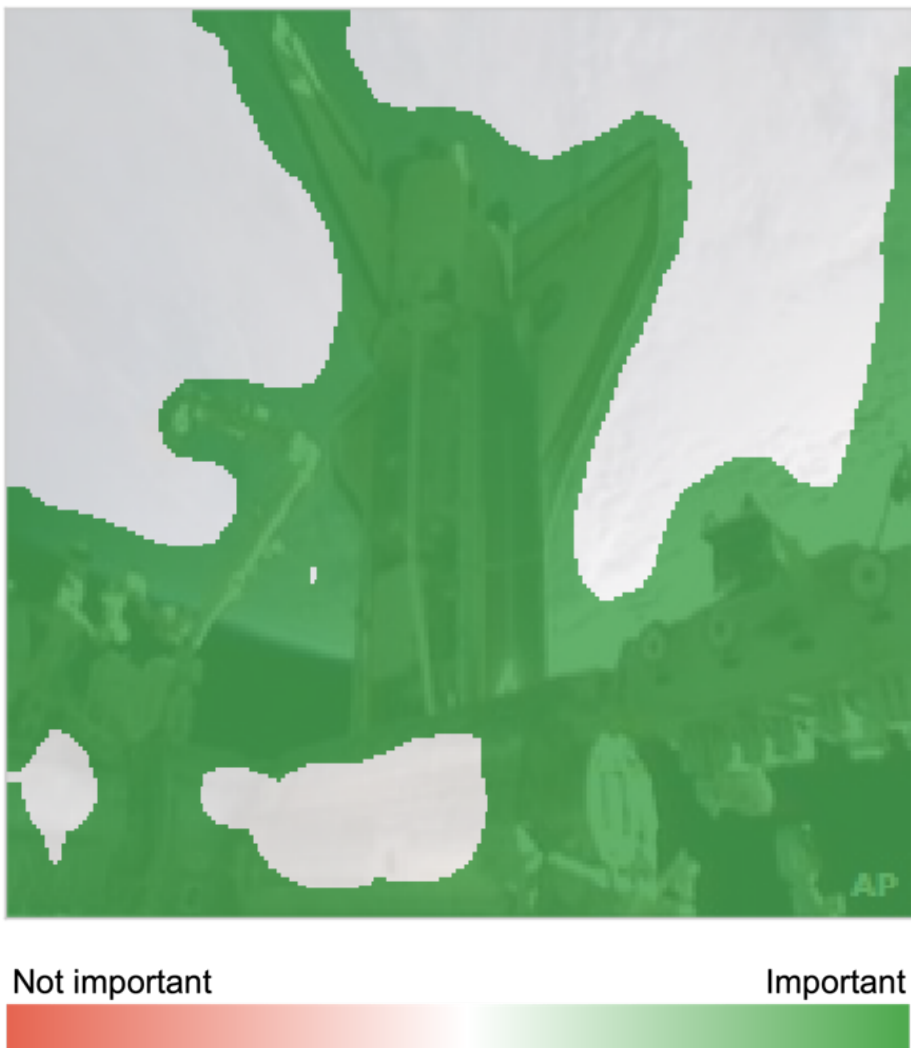
EXPLANATION 4 - MISSILE

The **BLACK-BOX** model prediction is **missile** with a probability of **22.547%**.

Why is it a **missile**?

ANSWER THE QUESTIONS

↓ The picture below shows the visual explanation produced by EBAnO for the prediction **missile**.

Not important   Important

1. Is it TRUE that the **GREEN** areas are correctly representing the predicted class **missile**?

○ Yes, the green areas are representing **missile**

○ Partially, the green areas are partially representing **missile**

○ No, the green areas are **not** representing **missile**

2. Are there any **RED** areas in the image?

○ Yes, there are dark red areas (even small)

○ Partially, There are only soft red areas

○ No, there are no red areas

3. Is it TRUE that the **RED** areas (if any) are **NOT IMPORTANT** for **missile**?

○ The red areas are **NOT IMPORTANT** for **missile**

○ The red areas are **important** for **missile**

○ I do not know.

○ Not Available (there are no red areas)

SELECT THE EXPLANATION

↓ Among the following alternative explanations, which are the best at identifying the right portions of the image
leading to the predicted class **missile**?

You can select more than one image.

Not important   Important

↑ **EBAnO**
GREEN areas are positive for class **missile**.
RED areas are negative for class **missile**.

Not important   Important

↑ **LIME**
GREEN areas are positive for class **missile**.
RED areas are negative for class **missile**.

Not important   Important

↑ **GRAD-CAM**
Gradient saliency map from **BLUE** to **RED**.
BLUE areas are neutral for class **missile**.
The most the area is close to **RED** color, the most it is important for class **missile**.

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