THE IMPACT OF PLASTIC POLLUTION ON MARINE LIVES.

Aim
To determine the level of plastic pollution in the area

Research Question

How does plastic pollution affects coral reef health?

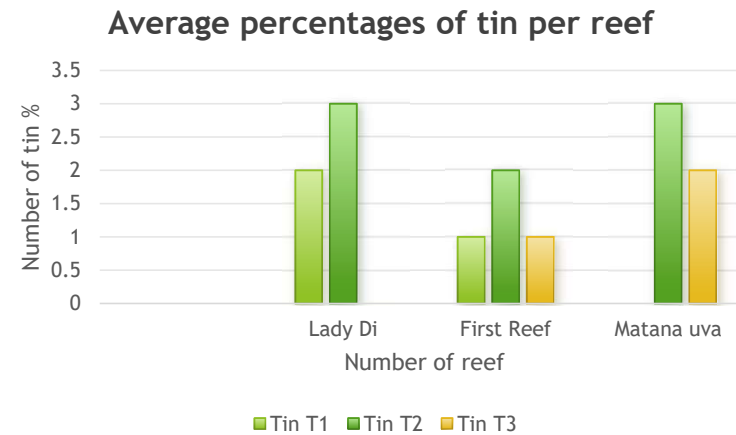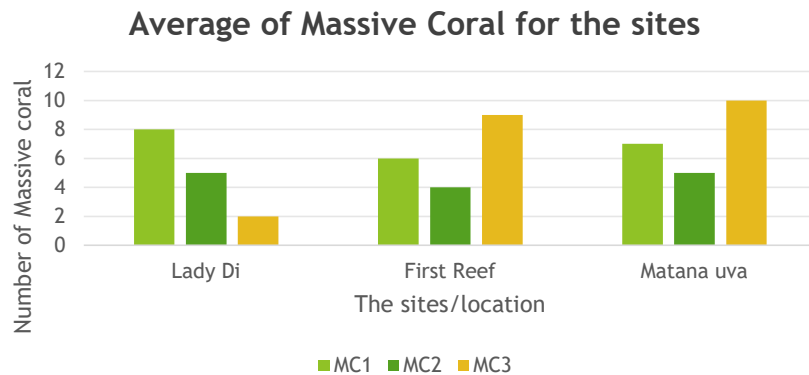# Method
Site selection
Lady Di
Matane Huva
First Reef

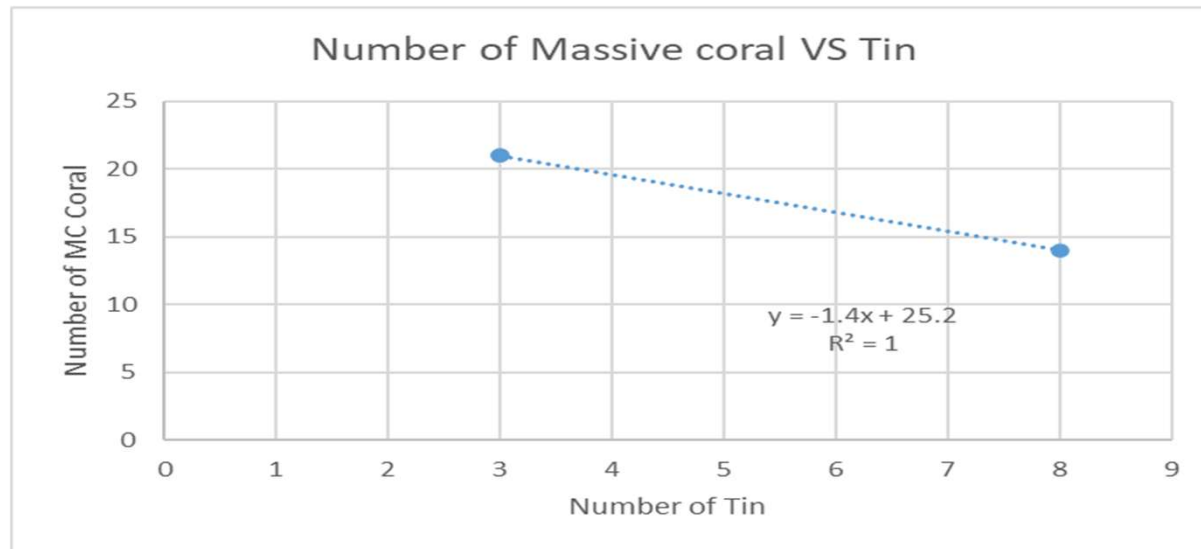Benthic for Massive coral and observation plastic

Result

The two graphs represent the average for can drink (Tin) and massive coral

Average of Massive Coral for the sites

Number of Massive coral (y-axis: 0, 2, 4, 6, 8, 10, 12)

The sites/location (x-axis: Lady Di, First Reef, Matana uva)

Legend: MC1, MC2, MC3

Average percentages of tin per reef

Number of tin % (y-axis: 0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5)

Number of reef (x-axis: Lady Di, First Reef, Matana uva)

Legend: Tin T1, Tin T2, Tin T3

1st graph indicate that Matane Huva has large number of massive coral compared to First reef and Lady Di

2nd Graph represent the average percentages of plastics found at the three sites. Lady Di and Matane Huva has the similar average percentages which means there is lots of plastics found at the area while first reef has less plastic.

Diagram representing the correlation of Massive Coral and Tin sample

Number of Massive coral VS Tin

$y = -1.4x + 25.2$
$R^2 = 1$

There is a relationship between this two variables which is massive coral and tin the other increases the other decreases based on the correlation value which is -1.

The negative respond which is the number of massive coral increase the cans value decrease.

END OF PRESENTATION
THANK YOU