

COASTAL PROTECTION

NEARSHORE WAVES AND EROSION



NEARSHORE WAVES AND EROSION

natural
capital
PROJECT



NEARSHORE WAVES AND EROSION

MODEL INTRODUCTION



NEARSHORE WAVES AND EROSION

MODEL INTRODUCTION



mangroves

seagrass beds

coral reefs

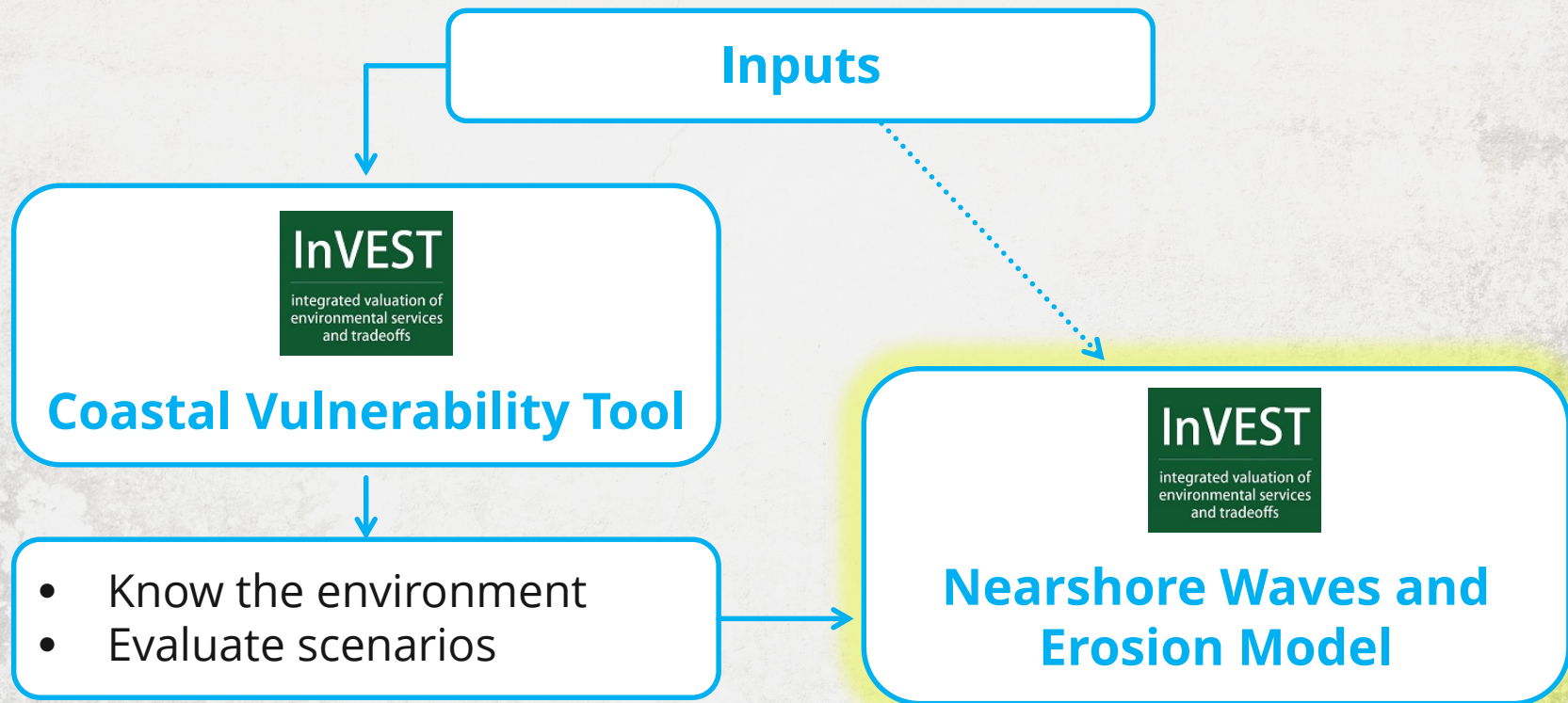
oyster reef

marshes

sand dunes

COASTAL PROTECTION TOOLBOX

TWO OPTIONS WITH INVEST



NEARSHORE WAVES & EROSION

MODEL INPUTS

Site characteristics



Social Data



Biotic features



Management Actions



Storm characteristics



NEARSHORE WAVES & EROSION

MODEL OUTPUTS

**Avoided eroded and
inundated area**



**Avoided number of
people affected**

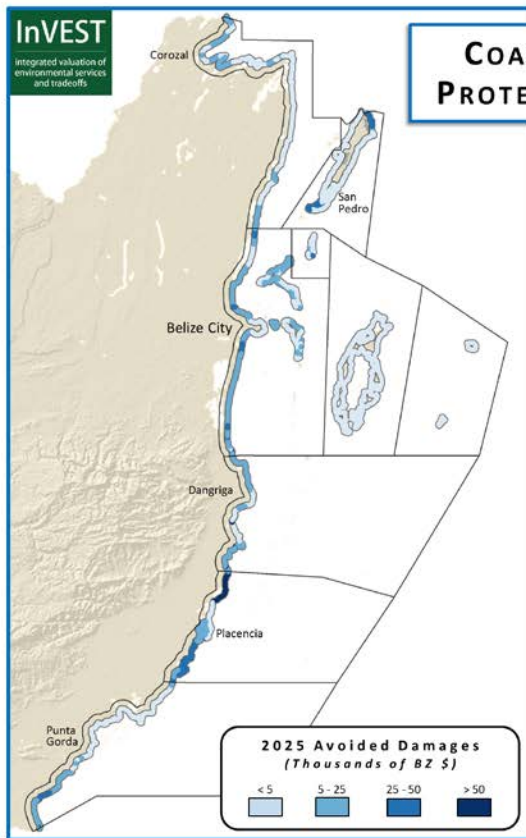


**Avoided property
damage**

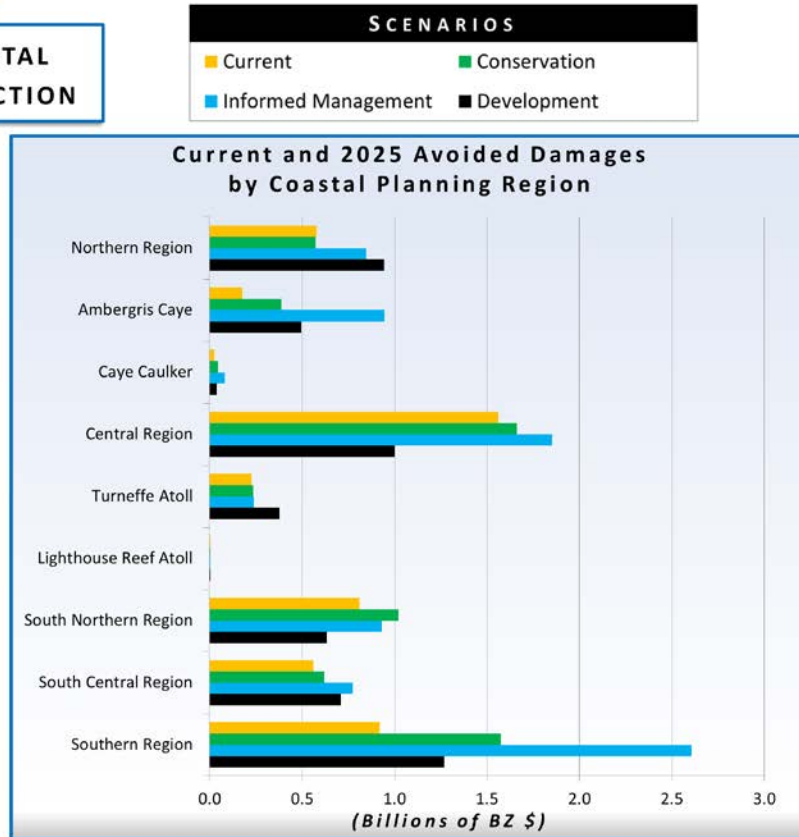


COASTAL PROTECTION

BELIZE



INFORMED MANAGEMENT



MODEL LIMITATIONS

