



# Acoustic Data Processing in LIDO

Catania, 13/01/2010

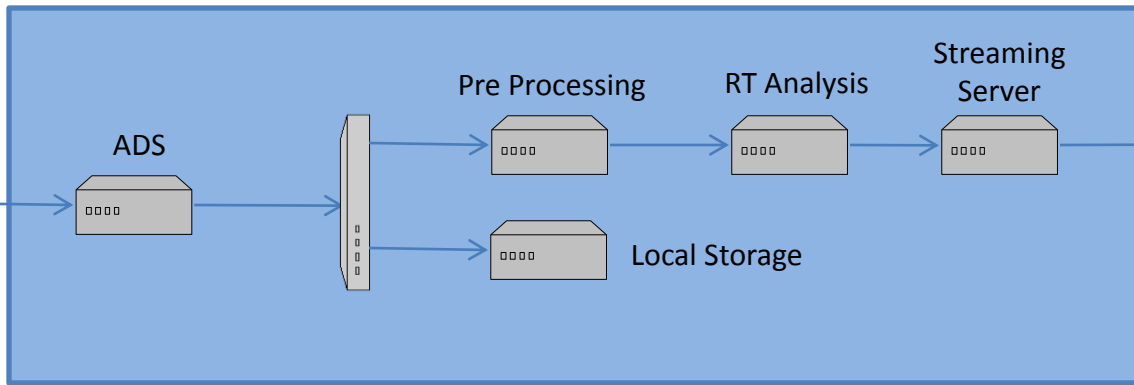




# LIDO ARCHITECTURE



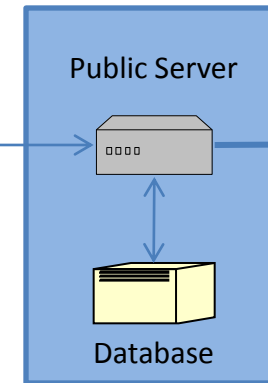
## On-Line Catania



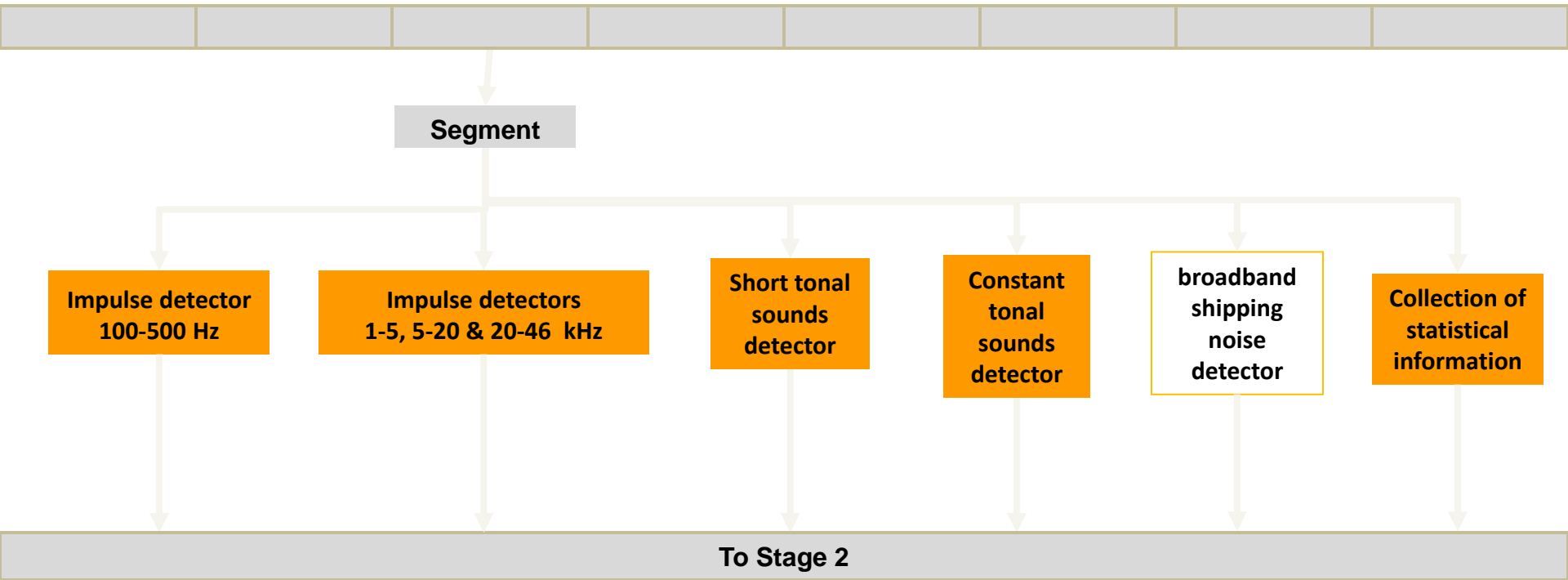
TO PUBLIC CLIENT :  
RT ANALYSIS RESULTS  
RT 1-CHANNEL COMPRESSED DATA

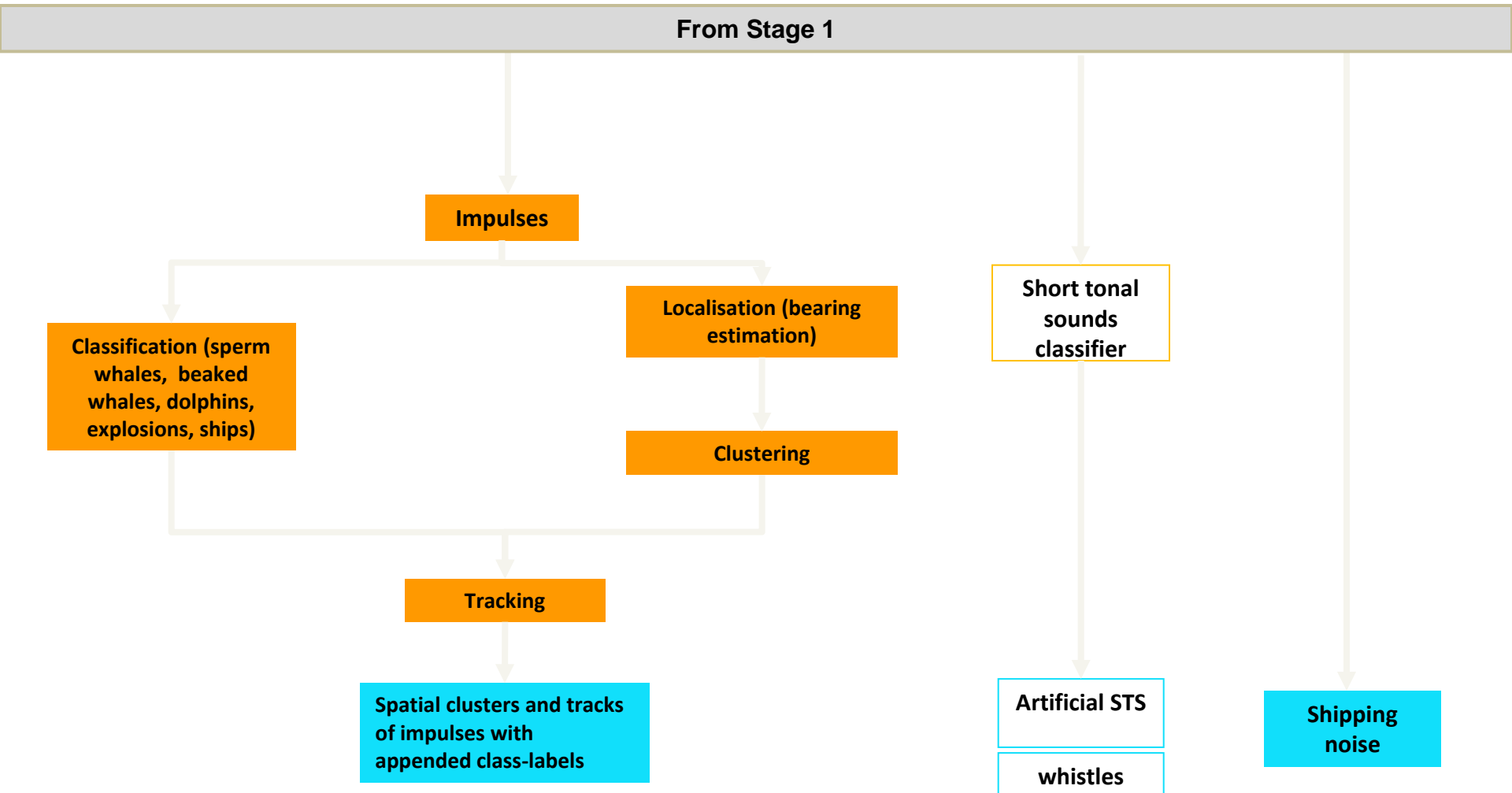
RT DATA STREAM TO LAB  
REGULAR DATA DOWNLOAD

## Off-Line LAB



LIDO INTERFACE,  
ACCESS TO PLATFORMS  
AND HISTORIC DATA







## OFF-LINE PROCESSING STAGE 3



Analysis data is collected on a central server to allow:

- detection of trends at a platform
- detection of correlation between events
- detection of similarities between platforms



## DATA PROCESSING STATUS



Stage 1 has been implemented in C and is currently running.

Stage 2 will be fine tuned and implemented in C over the next months.

Connection to the ADS still to be established.