

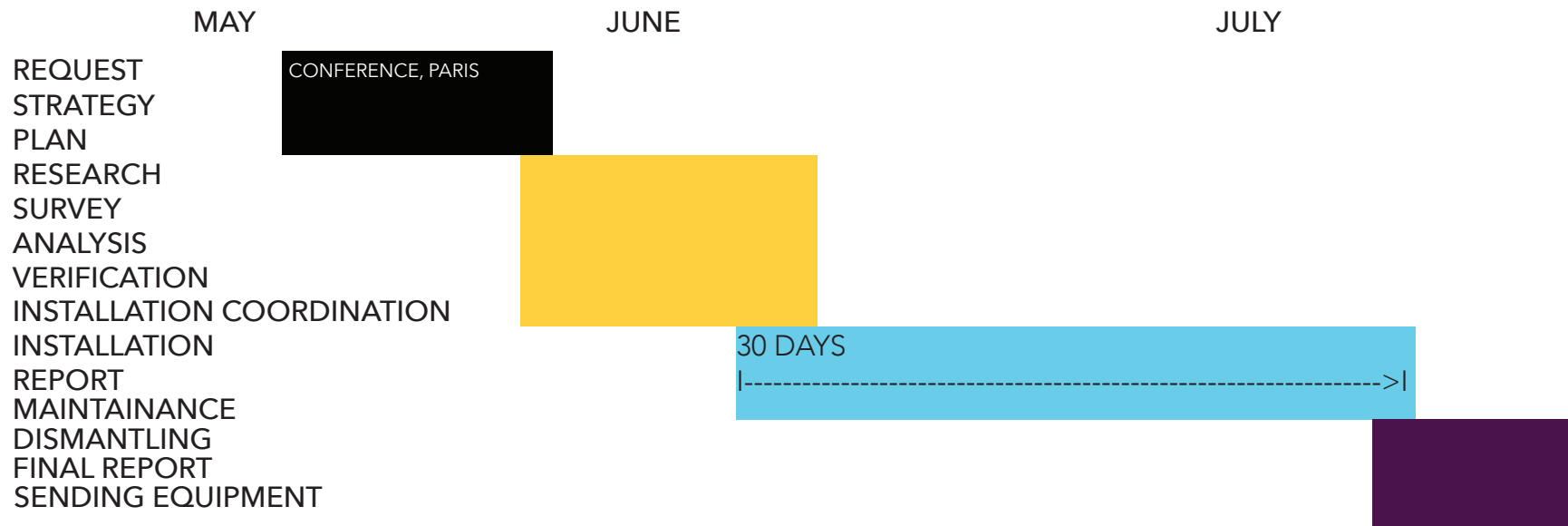


Research support for ***NABU*** and ***CITTADINI PER L'ARIA***

Preliminary atmospheric nitrogen oxides sampling

05/2018 - 07/2018

SO YOUNG HAN



CHRONOLOGY



Conférence sur le Transport Maritime Méditerranéen



Réduire la pollution atmosphérique des navires en mer Méditerranée

Mardi 15 Mai (9:30 – 18:00)

Ministère de la Transition Écologique et Solidaire

Hôtel Roquelaure

246 Boulevard Saint-Germain, 75007 Paris



MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE
ET SOLIDAIRE



Mediterranean Shipping Conference Reducing air pollution from ships in the Mediterranean Sea

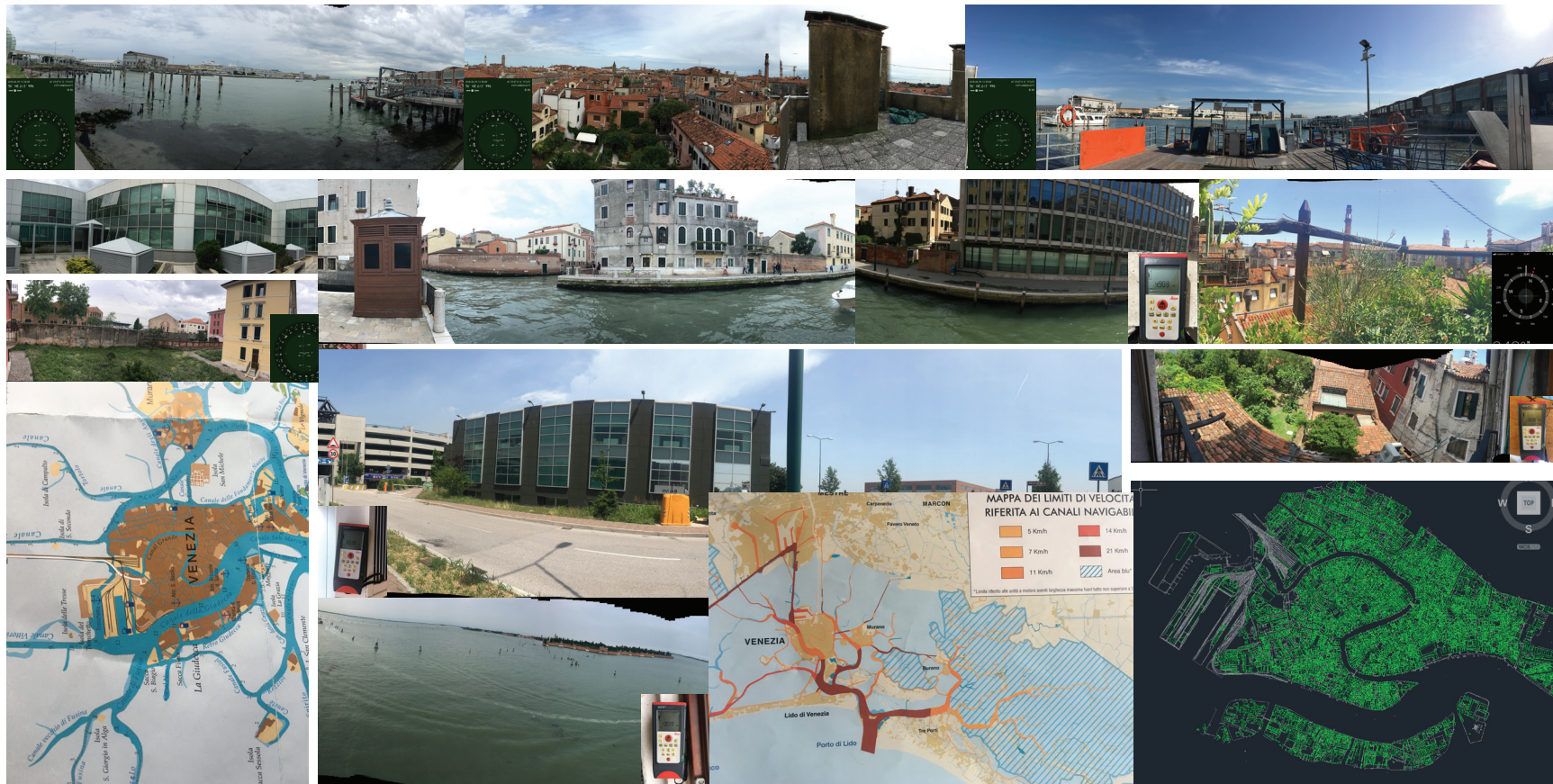
Tuesday May, 15th 2018, 9:30 – 17:30

Ministère de la Transition Écologique et Solidaire
Hotel Roquelaure, 246 Boulevard Saint-Germain, 75007 Paris

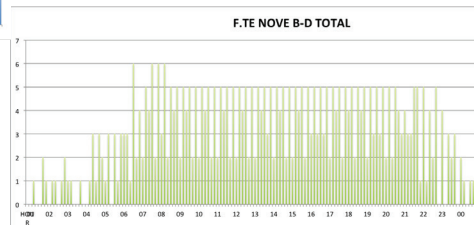
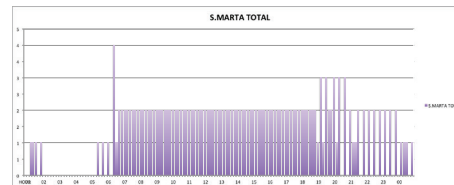
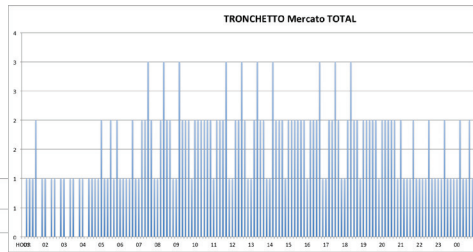
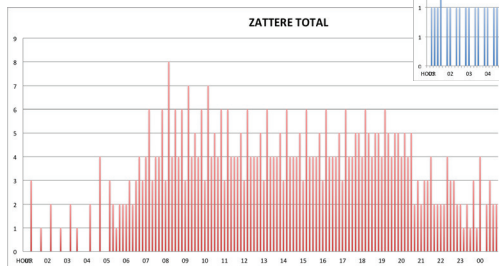




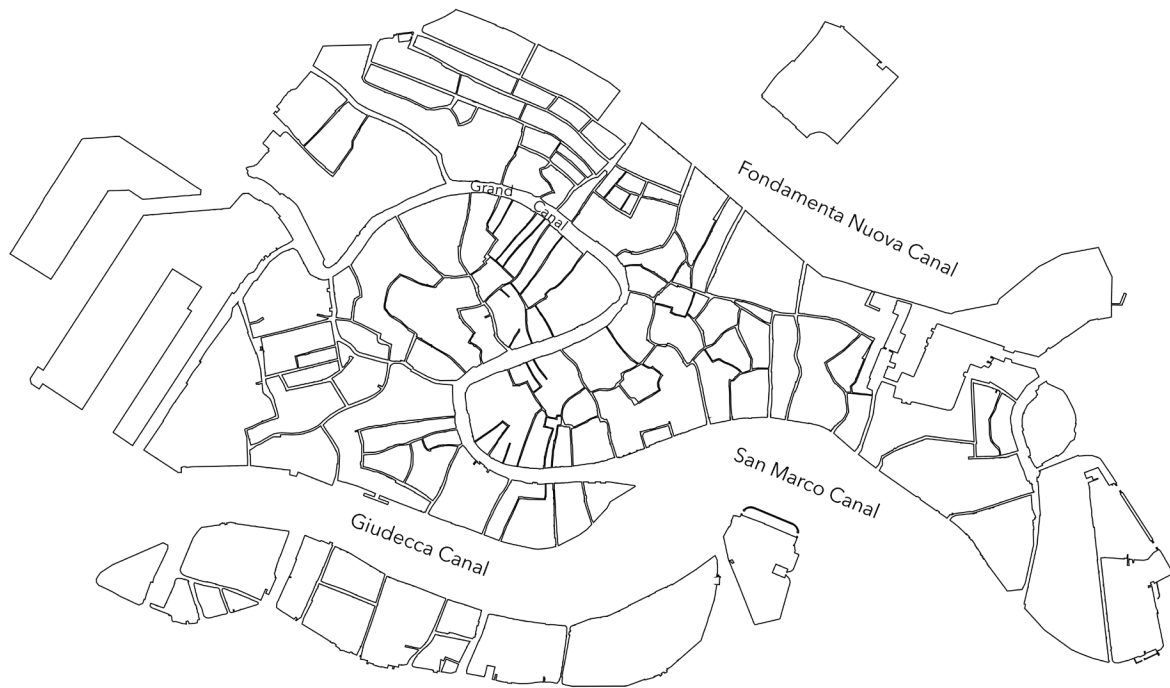
LOCATION RESEARCH



SITE SURVEY

[illegible]

	Hydrolysis		Crystallization			River Crystallization	
	Tot. Ship No.	Ship No./Day	Cryst. Days	Days	Days	Days	Days
08/06/08	2	2	2	2	2	2	2
09/06/08	1	1	1	1	1	1	1
10/06/08	2	2	2	2	2	2	2
11/06/08	1	1	1	1	1	1	1
12/06/08	2	2	2	2	2	2	2
13/06/08	3	3	3	3	3	3	3
14/06/08	2	2	2	2	2	2	2
15/06/08	2	2	2	2	2	2	2
16/06/08	1	1	1	1	1	1	1
17/06/08	2	2	2	2	2	2	2
18/06/08	1	1	1	1	1	1	1
19/06/08	4	4	4	4	4	4	4
20/06/08	3	3	3	3	3	3	3
21/06/08	3	3	3	3	3	3	3
22/06/08	2	2	2	2	2	2	2
23/06/08	2	2	2	2	2	2	2
24/06/08	3	3	3	3	3	3	3
25/06/08	2	2	2	2	2	2	2
26/06/08	1	1	1	1	1	1	1
27/06/08	3	3	3	3	3	3	3
28/06/08	4	4	4	4	4	4	4
29/06/08	4	4	4	4	4	4	4
30/06/08	4	4	4	4	4	4	4
01/07/08	2	2	2	2	2	2	2
02/07/08	2	2	2	2	2	2	2
03/07/08	4	4	4	4	4	4	4
04/07/08	4	4	4	4	4	4	4
05/07/08	2	2	2	2	2	2	2
06/07/08	2	2	2	2	2	2	2
07/07/08	4	4	4	4	4	4	4
08/07/08	2	2	2	2	2	2	2
09/07/08	2	2	2	2	2	2	2
10/07/08	2	2	2	2	2	2	2
11/07/08	2	2	2	2	2	2	2
12/07/08	2	2	2	2	2	2	2
13/07/08	2	2	2	2	2	2	2
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17/07/08	2	2	2	2	2	2	2
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23/07/08	2	2	2	2	2	2	2
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25/07/08	2	2	2	2	2	2	2
26/07/08	2	2	2	2	2	2	2
27/07/08	2	2	2	2	2	2	2
28/07/08	2	2	2	2	2	2	2
29/07/08	2	2	2	2	2	2	2
30/07/08	2	2	2	2	2	2	2
31/07/08	2	2	2	2	2	2	2
01/08/08	2	2	2	2	2	2	2
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07/08/08	2	2	2	2	2	2	2
08/08/08	2	2	2	2	2	2	2
09/08/08	2	2	2	2	2	2	2
10/08/08	2	2	2	2	2	2	2
11/08/08	2	2	2	2	2	2	2
12/							



MAIN CANALS OF VENICE
(EXCLUDING BRIDGES)



4 BOATS / h



0 BOATS / h



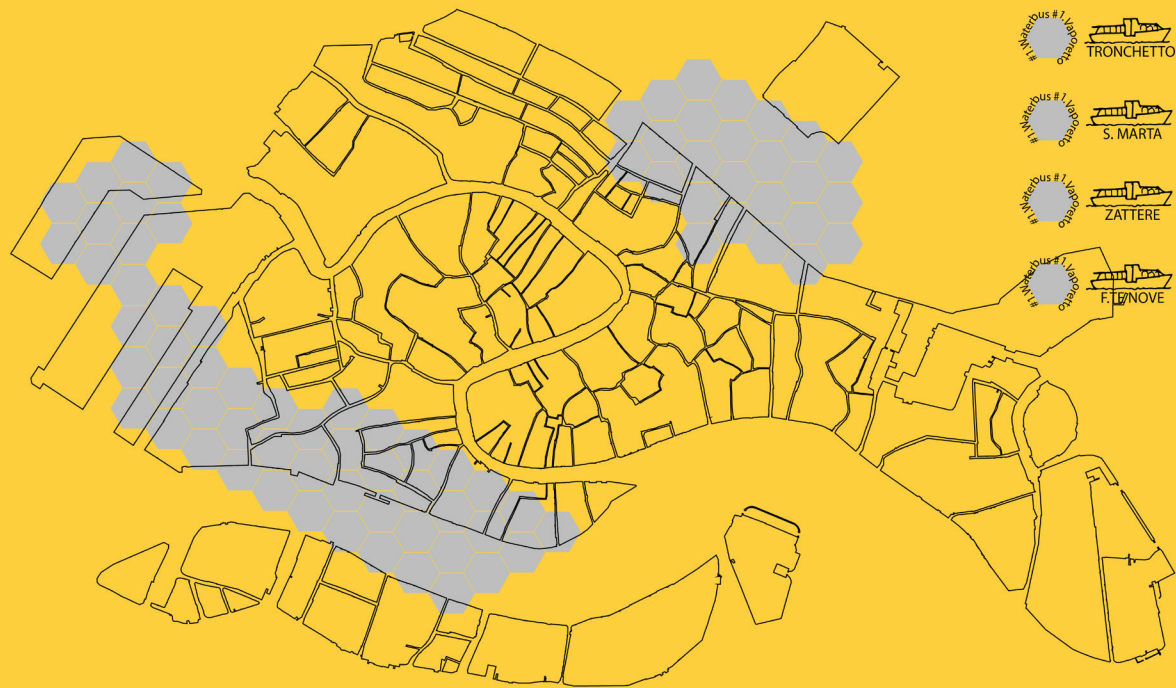
3 BOATS / h



5 BOATS / h

02:00 - 03:00
WATERBOATS PRESENCE

DATA ANALYSIS



Station # 1 Vado
Oronzo
TRONCHETTO

11 BOATS / h

Station # 1 Vado
Oronzo
S. MARTA

12 BOATS / h

Station # 1 Vado
Oronzo
ZATTERE

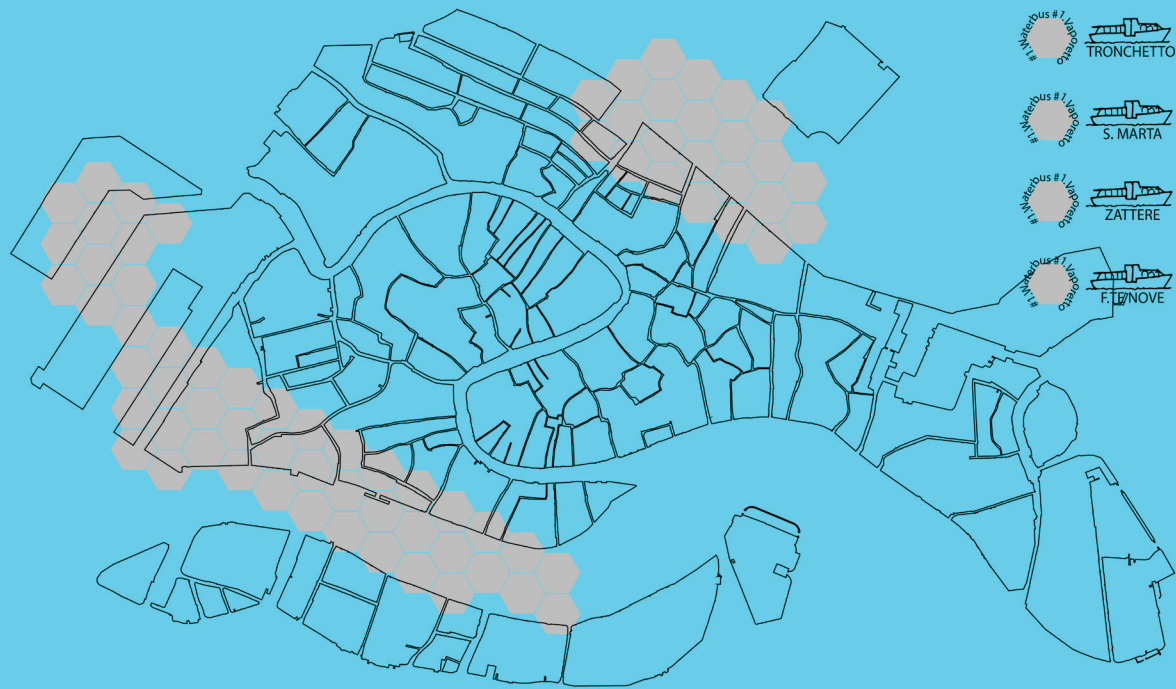
31 BOATS / h

Station # 1 Vado
Oronzo
F. NOVE

25 BOATS / h

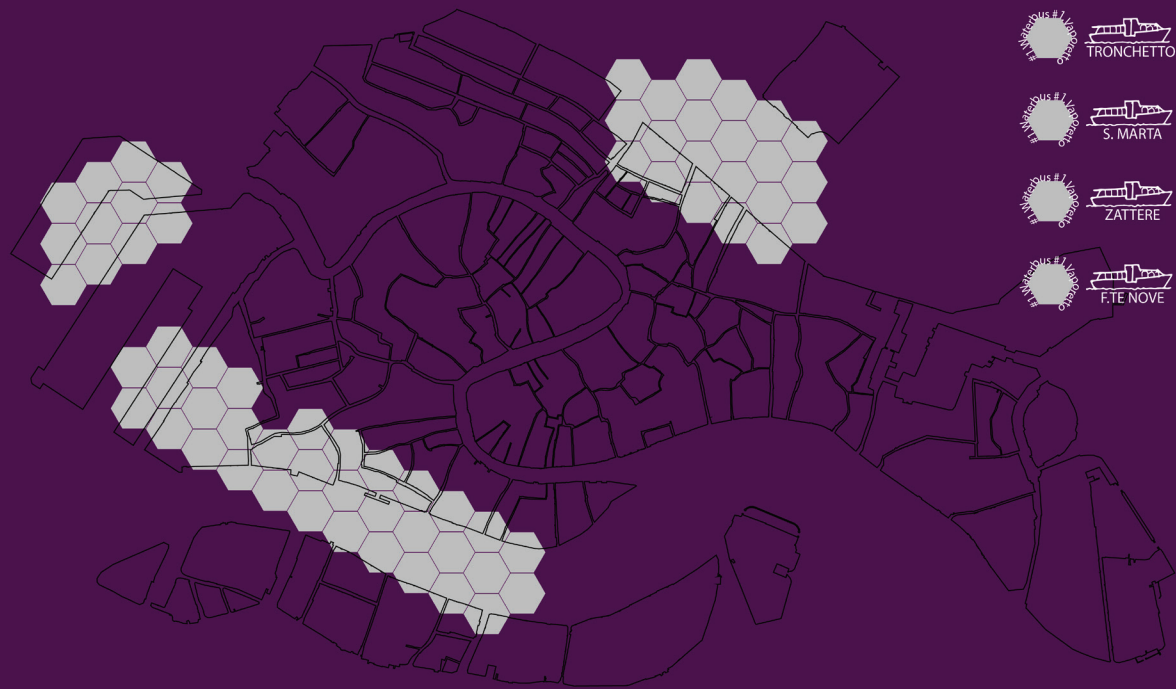
08:00 - 09:00
WATERBOATS PRESENCE

DATA ANALYSIS



14:00 - 15:00
WATERBOATS PRESENCE

DATA ANALYSIS



TRONCHETTO

11 BOATS / h



S. MARTA

10 BOATS / h



ZATTERE

23 BOATS / h

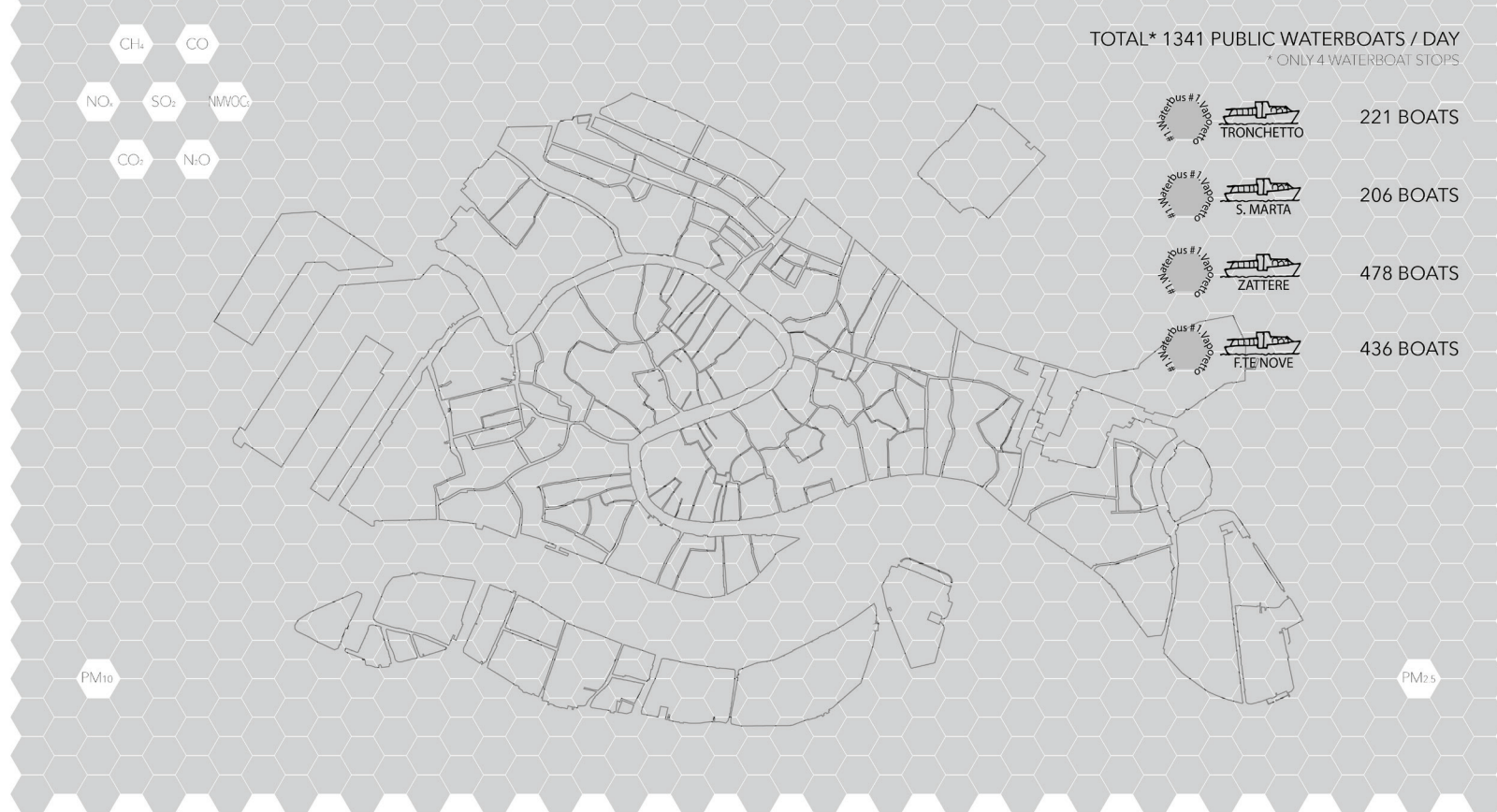


F.TE NOVE

21 BOATS / h

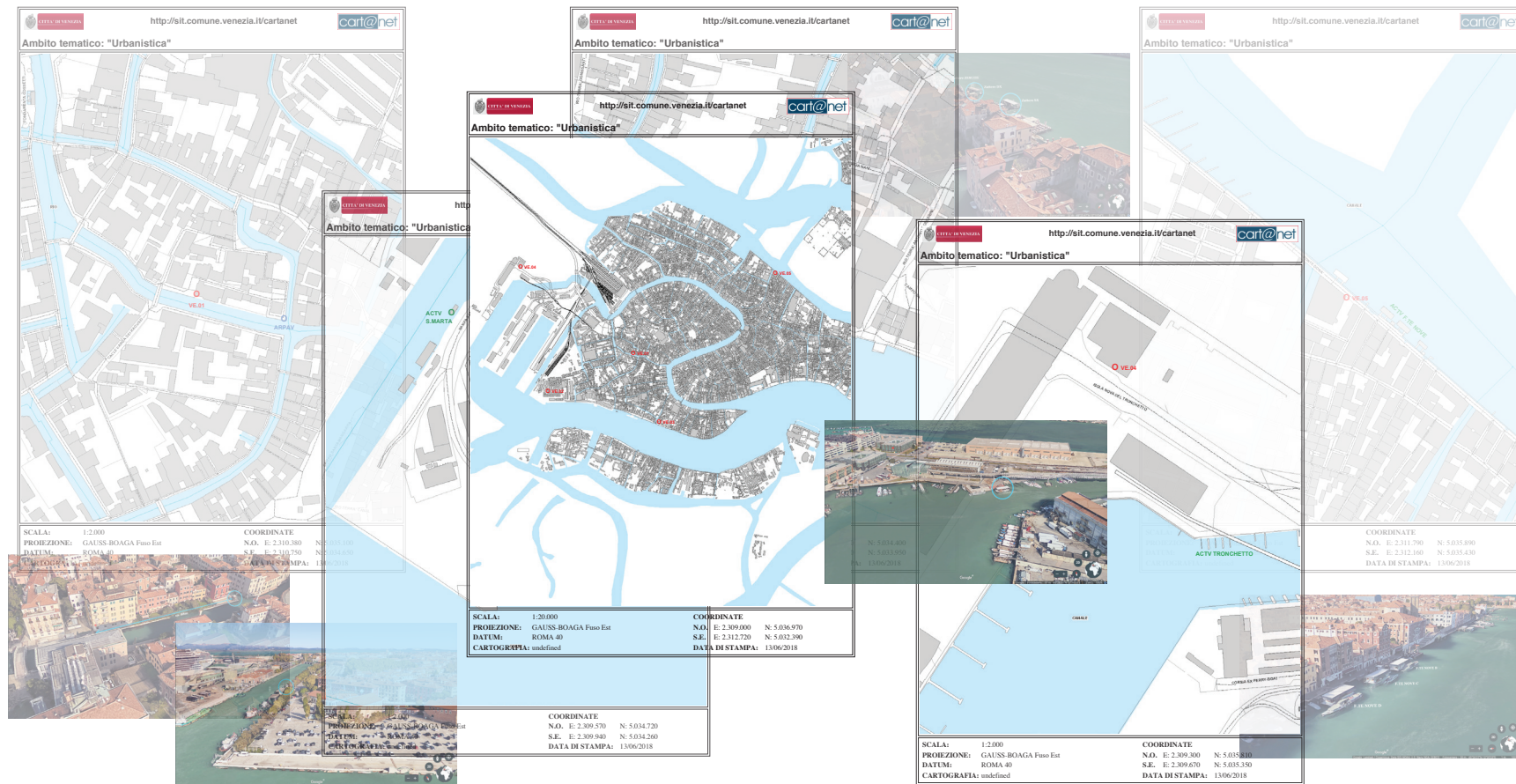
20:00 - 21:00
WATERBOATS PRESENCE

DATA ANALYSIS

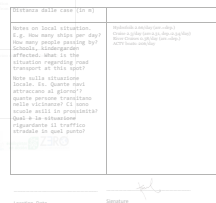
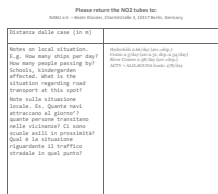


00:00 - 24:00
WATERBOATS PRESENCE

DATA SYNTHESIS



REPORT AND MISSION COMPLETION



REPORT AND MISSION COMPLETION



EMISSION TYPES
FROM
TRANSPORTATION-WATER-BORNE NAVIGATION

PREPARATION FOR FURTHER RESEARCH

STUDY LEADER

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Jane da Mosto

Co-founder & executive director *We Are Here Venice*

PROJECT MANAGER

Arch. So Young Han

collaborator *We Are Here Venice*

ADVISORS

Prof. Giuseppe Tattara
Arch. Giovanni Leone

WITH THANKS TO

Ordine degli Architetti Pianificatori Paesaggisti e Conservatori Venezia

