COMUNE DI MESSINA

Lavori di costruzione della piattaforma logistica intermodale Tremestieri con annesso scalo portuale

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Quadro di Riferimento Ambientale

Appendice 1

Atmosfera

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INDICE

PREMESSA

Il presente documento riporta i risultati derivanti dalle simulazioni delle concentrazioni degli inquinanti in atmosfera (CO, NO_2 e PM10) effettuate tramite il software BREEZE Roads.

Per ogni inquinante e per ogni direzione di vento vengono presentate la carte delle isoconcentrazioni ed i tabulati di calcolo derivanti dai vari "run" di modello.

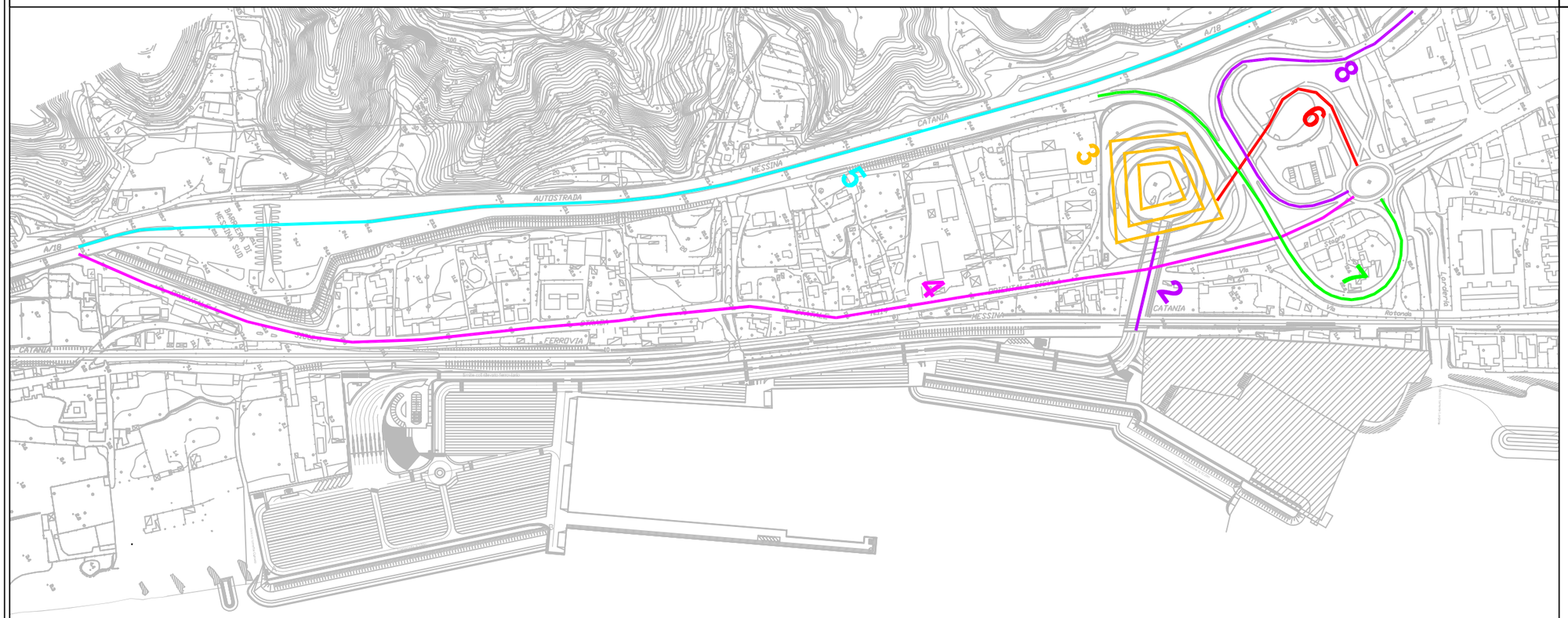
Ogni tabella è costituita da 5 colonne:

- "cod. ricettore": indica il codice identificativo di ogni ricettore;
- "Run ante operam": riporta le concentrazioni di inquinante ai vari ricettori relative al solo traffico veicolare ante operam;
- "Run post operam (solo veicoli)": riporta le concentrazioni di inquinante ai vari ricettori relative al solo traffico veicolare post operam;
- "Run post operam (solo navi)": riporta le concentrazioni di inquinante ai vari ricettori relative al solo traffico di traghetti e Ro-Ro post operam;
- "post operam": riporta le concentrazioni di inquinante ai vari ricettori relative allo scenario post operam. La casella riportante il valore massimo registrato è stata evidenziata in ciano.

Per i "worst case" vengono presentate tabelle con 3 colonne:

- "cod. ricettore": indica il codice identificativo di ogni ricettore;
- "angolo di vento (da N)": indica l'angolo di vento per il quale viene registrata la concentrazione di inquinante riportata nella colonna "post operam";
- "post operam": riporta le concentrazioni di inquinante per i vari ricettori e per i vari angoli di vento. La casella riportante il valore massimo registrato è stata evidenziata in ciano.

CARTA DEI LINKS: VEICOLI (ANTE OPERAM)



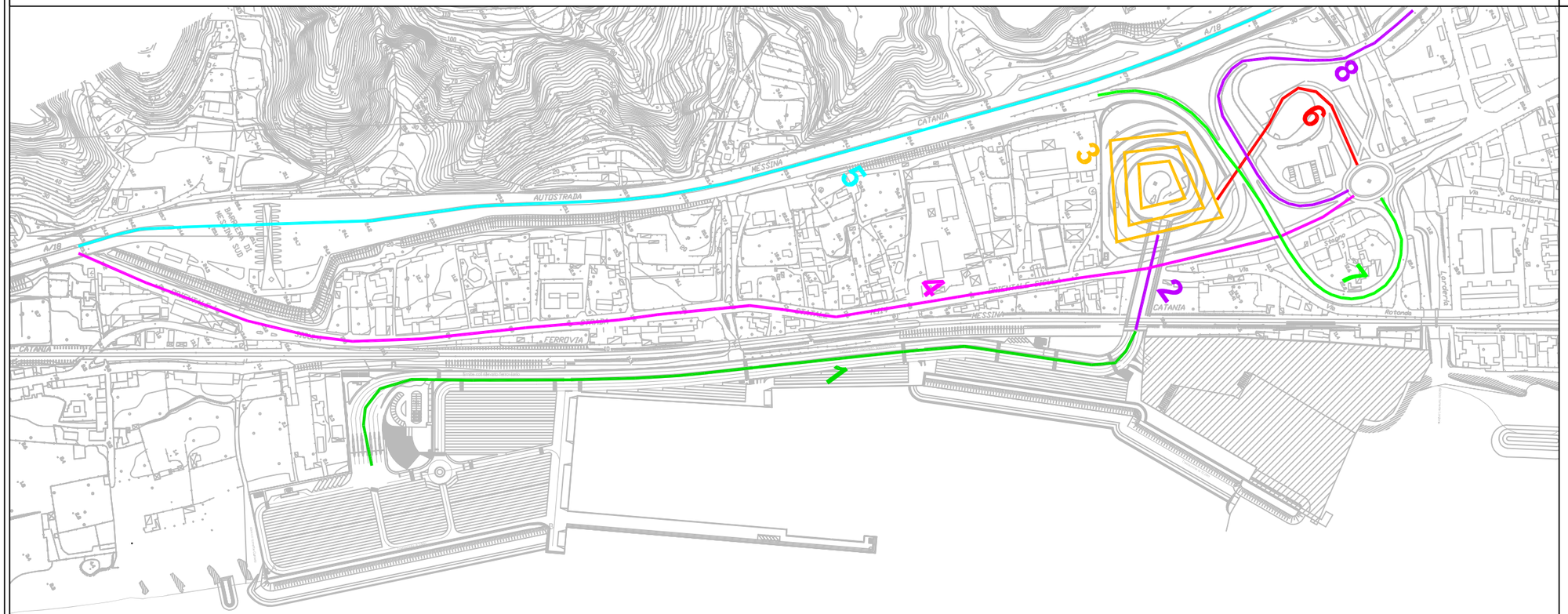
Legenda

4 — **Link con n° identificativo**

O N S E

Scala 1:5.000

CARTA DEI LINKS: VEICOLI (POST OPERAM)



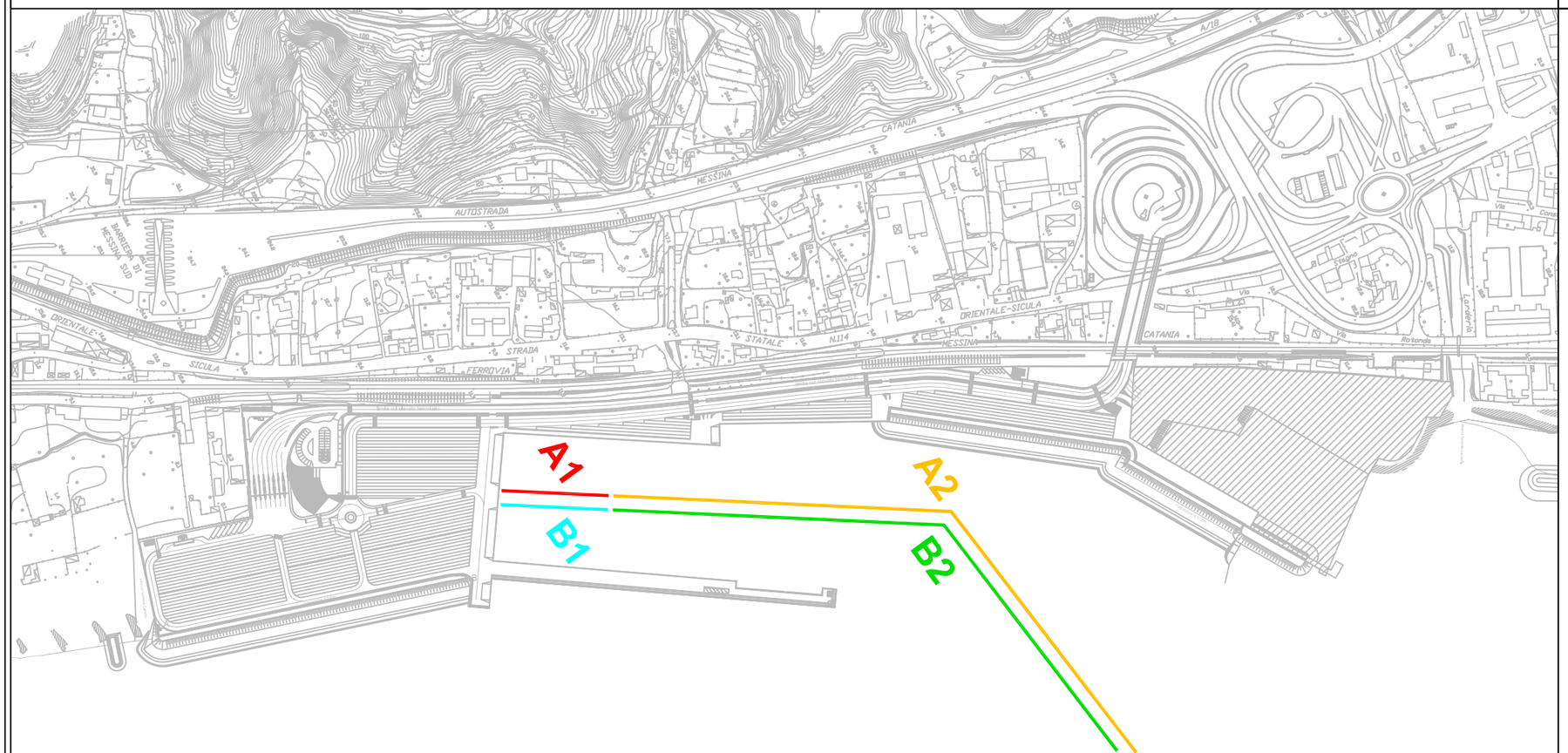
Legenda

4 — **Link con n° identificativo**

O N S E

Scala 1:5.000

CARTA DEI LINKS: NATANTI



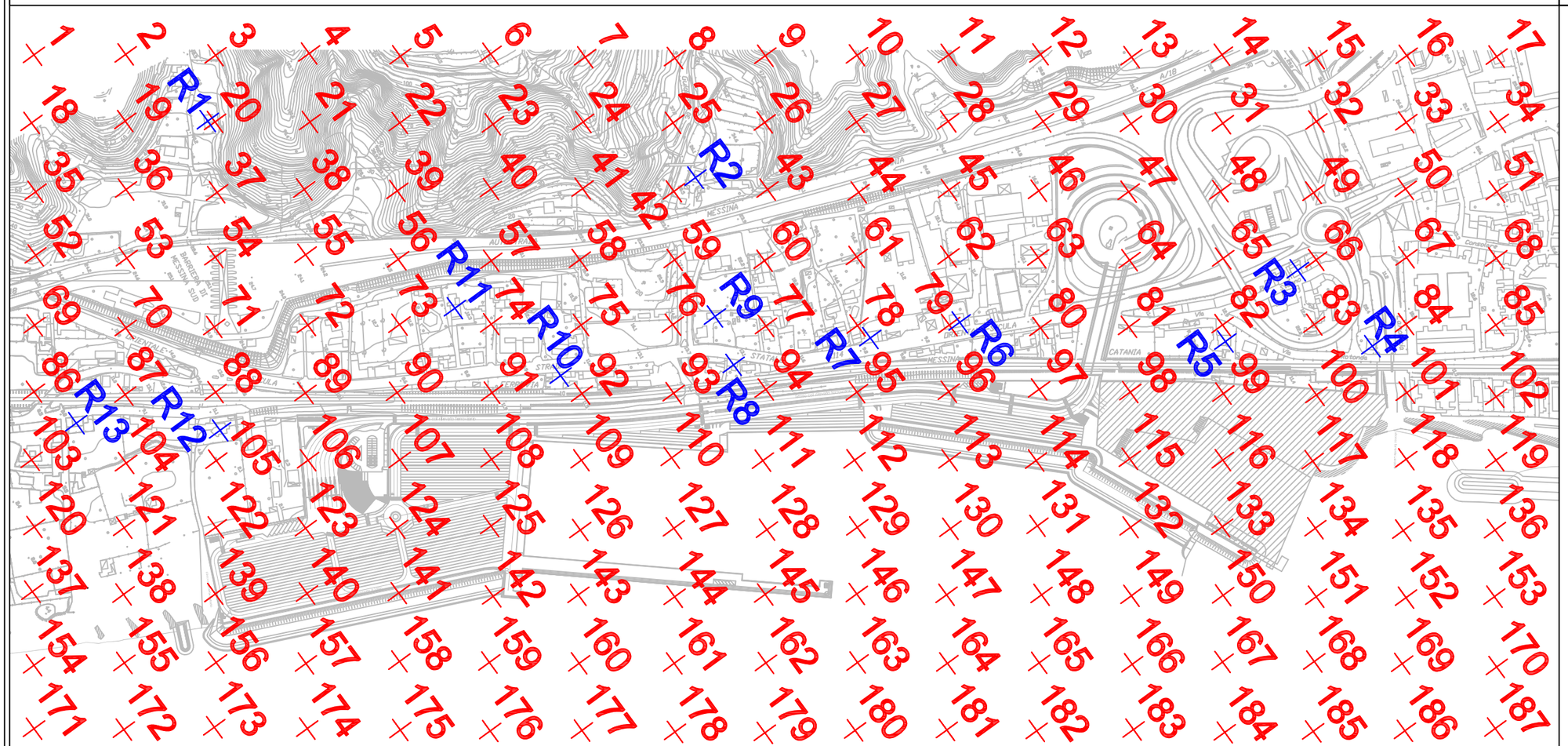
Legenda

- **A1** — Ro-Ro (velocità "in manovra")
- **B1** — Traghetto (velocità "in manovra")
- **A2** — Ro-Ro (velocità "in porto")
- **B2** — Traghetto (velocità "in porto")

O N S E

Scala 1:5.000

CARTA DEI RICETTORI



Legenda

168 — **Ricettore fittizio**

R2 — **Ricettore reale**

O N S E

Scala 1:5.000

DIREZIONE VENTO: N 22°

INQUINANTE: CO

cod. ricettore	AO_CO_22	SV_CO_22	SN_CO_22	post operam
	Run ante operam (mg/mc)	*Run* post operam (solo veicoli) (mg/mc)	Run post operam (solo navi) (mg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.1	0.1	0.0	0.1
28	0.4	0.4	0.0	0.4
29	2.4	2.4	0.0	2.4
30	0.2	0.4	0.0	0.4
31	0.2	0.4	0.0	0.4
32	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.1	0.1	0.0	0.1
41	0.1	0.1	0.0	0.1
42	0.4	0.4	0.0	0.4
43	1.2	1.2	0.0	1.2
44	2.4	2.4	0.0	2.4
45	0.2	0.4	0.0	0.4
46	0.1	0.6	0.0	0.6

47	0.2	0.8	0.0	0.8
48	0.0	0.1	0.0	0.1
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.1	0.0	0.1
53	0.1	0.1	0.0	0.1
54	0.8	0.8	0.0	0.8
55	1.4	1.5	0.0	1.5
56	2.4	2.4	0.0	2.4
57	2.7	2.8	0.0	2.8
58	2.1	2.1	0.0	2.1
59	0.5	0.5	0.0	0.5
60	0.1	0.2	0.0	0.2
61	0.1	0.4	0.0	0.4
62	0.1	0.5	0.0	0.5
63	0.1	0.8	0.0	0.8
64	0.2	1.2	0.0	1.2
65	0.5	0.8	0.0	0.8
66	0.1	0.2	0.0	0.2
67	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0
69	1.1	1.1	0.0	1.1
70	0.7	0.7	0.0	0.7
71	0.6	0.7	0.0	0.7
72	0.6	0.6	0.0	0.6
73	0.5	0.5	0.0	0.5
74	0.2	0.4	0.0	0.4
75	0.1	0.2	0.0	0.2
76	0.1	0.2	0.0	0.2
77	0.1	0.4	0.0	0.4
78	0.1	0.4	0.0	0.4
79	0.2	0.5	0.0	0.5
80	1.2	1.3	0.0	1.3
81	0.1	0.2	0.0	0.2
82	0.1	0.2	0.0	0.2
83	0.1	0.2	0.0	0.2
84	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0
86	0.5	0.5	0.0	0.5
87	0.5	0.5	0.0	0.5
88	0.6	0.6	0.0	0.6
89	1.1	1.2	0.0	1.2
90	0.7	0.8	0.0	0.8
91	0.4	0.6	0.0	0.6
92	0.2	0.5	0.0	0.5
93	0.4	0.5	0.0	0.5
94	0.4	0.6	0.0	0.6
95	0.1	2.0	0.0	2.0
96	0.1	1.4	0.0	1.4
97	0.0	0.5	0.0	0.5

98	0.0	0.1	0.0	0.1
99	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0
103	0.2	0.5	0.0	0.5
104	0.2	0.6	0.0	0.6
105	0.2	1.2	0.0	1.2
106	0.1	3.2	0.0	3.2
107	0.1	1.3	0.0	1.3
108	0.1	1.4	0.0	1.4
109	0.1	1.2	0.0	1.2
110	0.1	0.8	0.0	0.8
111	0.0	0.6	0.0	0.6
112	0.0	0.5	0.0	0.5
113	0.0	0.1	0.0	0.1
114	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0
120	0.1	0.7	0.0	0.7
121	0.1	0.8	0.0	0.8
122	0.1	0.8	0.0	0.8
123	0.1	0.6	0.0	0.6
124	0.1	0.5	0.0	0.5
125	0.0	0.4	0.1	0.4
126	0.0	0.2	0.0	0.2
127	0.0	0.1	0.0	0.1
128	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0
131	0.0	0.0	0.0	0.0
132	0.0	0.0	0.0	0.0
133	0.0	0.0	0.0	0.0
134	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0
137	0.1	0.5	0.0	0.5
138	0.0	0.4	0.0	0.4
139	0.0	0.2	0.0	0.3
140	0.0	0.2	0.0	0.3
141	0.0	0.1	0.0	0.2
142	0.0	0.1	0.0	0.1
143	0.0	0.0	0.0	0.0
144	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0
146	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0
148	0.0	0.0	0.0	0.0

149	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0
154	0.0	0.1	0.0	0.1
155	0.0	0.1	0.0	0.1
156	0.0	0.1	0.0	0.1
157	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0
159	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0
166	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0
171	0.0	0.1	0.0	0.1
172	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0
183	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	0.2	0.2	0.0	0.2
R3	0.1	0.1	0.0	0.1
R4	0.0	0.0	0.0	0.0
R5	0.1	0.2	0.0	0.2
R6	0.2	0.5	0.0	0.5
R7	0.2	0.5	0.0	0.5
R8	0.8	1.1	0.0	1.1
R9	0.0	0.2	0.0	0.2
R10	0.8	0.9	0.0	0.9
R11	0.5	0.6	0.0	0.6
R12	0.4	0.6	0.0	0.6

R13	0.4	0.5	0.0	0.5

Scenario:
ANTE OPERAM

Direzione Vento:
N 22°

Inquinante:
CO

Legenda

Sorgenti emissive simulate

Concentrazione (mg/m³)

2.7 (Valore Massimo)

2.5

2

1.5

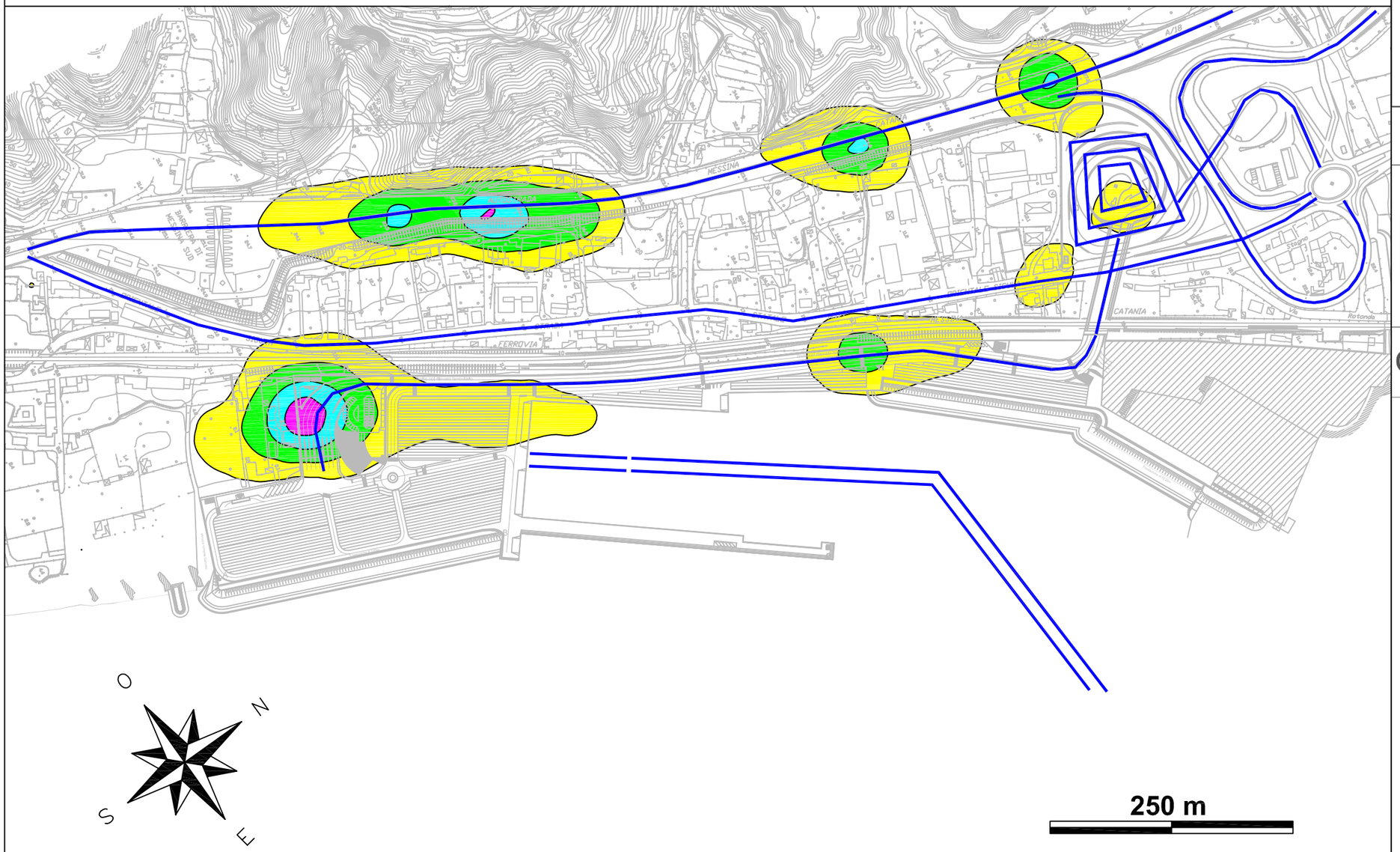
1

0

Scenario:
POST OPERAM

Direzione Vento:
N 22°

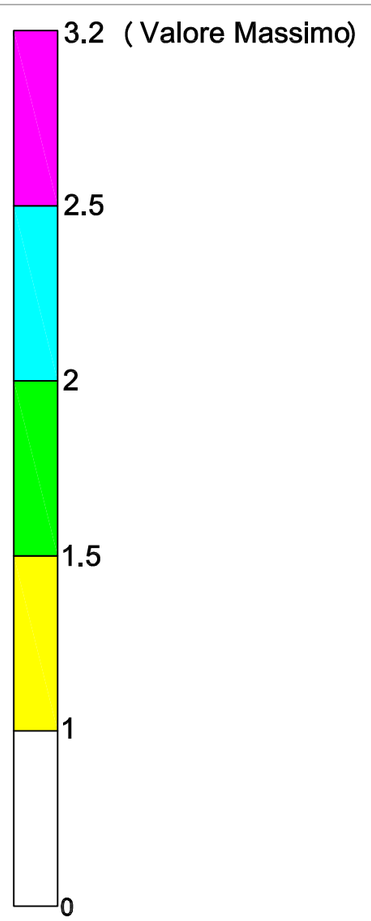
Inquinante:
CO



Legenda

Sorgenti emissive simulate

Concentrazione (mg/m³)



DIREZIONE VENTO: N 202°

INQUINANTE: CO

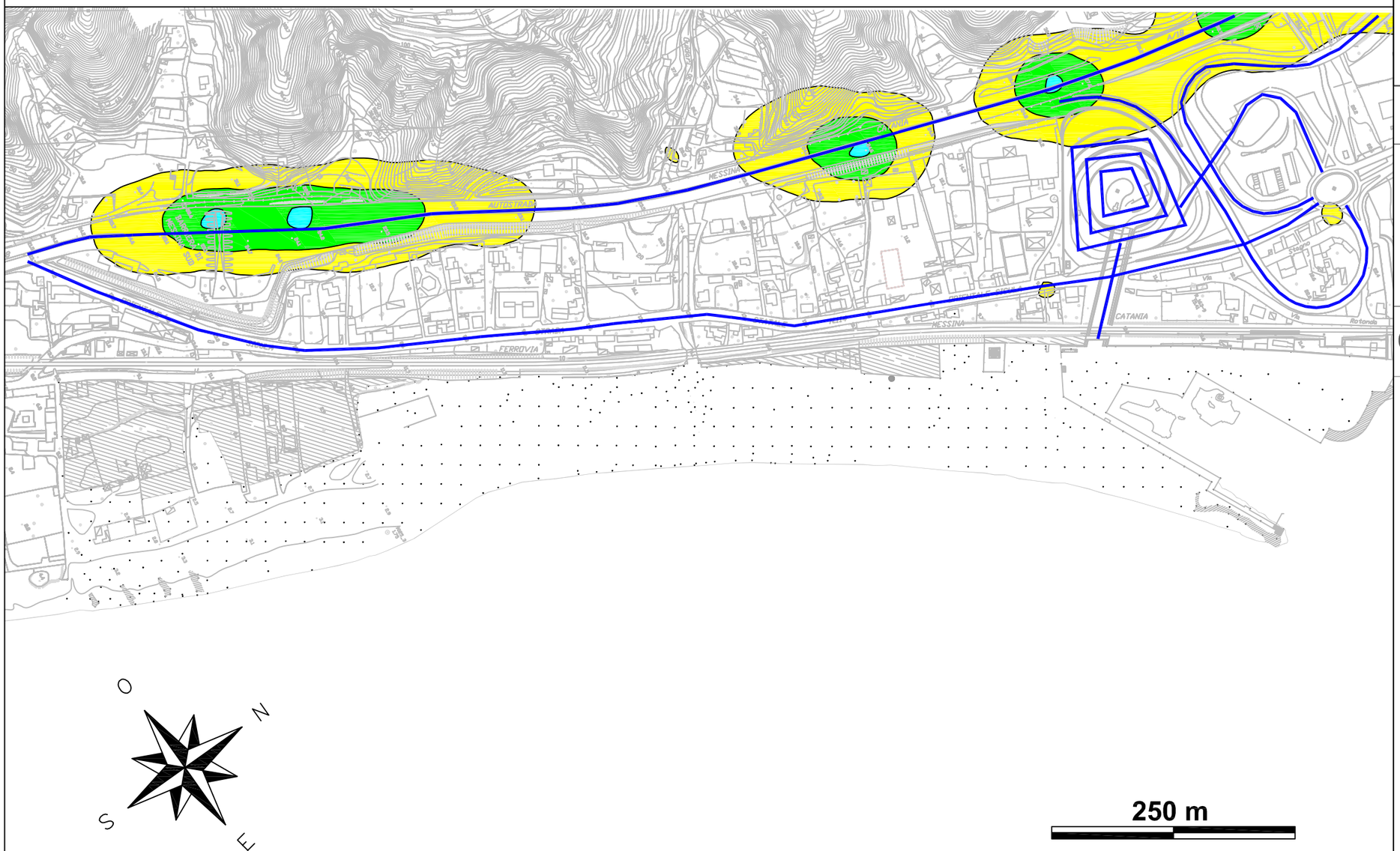
cod. ricettore	AO_CO_202	SV_CO_202	SN_CO_202	post operam
	Run ante operam (mg/mc)	*Run* post operam (solo veicoli) (mg/mc)	Run post operam (solo navi) (mg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.1	0.1	0.0	0.1
14	0.6	0.6	0.0	0.6
15	0.2	0.2	0.0	0.2
16	0.2	0.2	0.0	0.2
17	0.1	0.1	0.0	0.1
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.1	0.1	0.0	0.1
27	0.1	0.1	0.0	0.1
28	0.1	0.1	0.0	0.1
29	0.7	0.7	0.0	0.7
30	0.4	0.5	0.0	0.5
31	0.1	0.2	0.0	0.2
32	0.1	0.2	0.0	0.2
33	0.1	0.1	0.0	0.1
34	0.0	0.1	0.0	0.1
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.1	0.1	0.0	0.1
40	0.1	0.1	0.0	0.1
41	0.1	0.1	0.0	0.1
42	0.2	0.2	0.0	0.2
43	0.4	0.4	0.0	0.4
44	0.7	0.7	0.0	0.7
45	0.1	0.1	0.0	0.1
46	0.1	0.1	0.0	0.1

47	0.1	0.4	0.0	0.4
48	0.1	0.5	0.0	0.5
49	0.1	0.2	0.0	0.2
50	0.1	0.2	0.0	0.2
51	0.1	0.1	0.0	0.1
52	0.0	0.0	0.0	0.0
53	0.4	0.4	0.0	0.4
54	0.7	0.7	0.0	0.7
55	0.7	0.7	0.0	0.7
56	0.6	0.6	0.0	0.6
57	0.4	0.4	0.0	0.4
58	0.1	0.1	0.0	0.1
59	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0
61	0.0	0.1	0.0	0.1
62	0.0	0.1	0.0	0.1
63	0.0	0.1	0.0	0.1
64	0.0	0.4	0.0	0.4
65	0.1	0.2	0.0	0.2
66	0.2	0.4	0.0	0.4
67	0.1	0.2	0.0	0.2
68	0.0	0.1	0.0	0.1
69	0.0	0.0	0.0	0.0
70	0.1	0.1	0.0	0.1
71	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0
75	0.0	0.1	0.0	0.1
76	0.1	0.1	0.0	0.1
77	0.1	0.1	0.0	0.1
78	0.1	0.1	0.0	0.1
79	0.1	0.2	0.0	0.2
80	0.2	0.4	0.0	0.4
81	0.0	0.2	0.0	0.2
82	0.0	0.2	0.0	0.2
83	0.0	0.2	0.0	0.2
84	0.0	0.1	0.0	0.1
85	0.0	0.1	0.0	0.1
86	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0
91	0.0	0.2	0.0	0.2
92	0.0	0.4	0.0	0.4
93	0.0	0.4	0.0	0.4
94	0.0	0.5	0.0	0.5
95	0.0	0.9	0.0	0.9
96	0.0	0.7	0.0	0.7
97	0.0	0.6	0.0	0.6

98	0.0	0.4	0.0	0.4
99	0.0	0.1	0.0	0.1
100	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0
107	0.0	0.1	0.0	0.1
108	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0
122	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0
124	0.0	0.0	0.0	0.0
125	0.0	0.0	0.0	0.0
126	0.0	0.0	0.0	0.0
127	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0
131	0.0	0.0	0.0	0.0
132	0.0	0.0	0.0	0.0
133	0.0	0.0	0.0	0.0
134	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0
137	0.0	0.0	0.0	0.0
138	0.0	0.0	0.0	0.0
139	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0
142	0.0	0.0	0.0	0.0
143	0.0	0.0	0.0	0.0
144	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0
146	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0
148	0.0	0.0	0.0	0.0

149	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0
154	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0
157	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0
159	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0
166	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0
171	0.0	0.0	0.0	0.0
172	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0
183	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	0.1	0.1	0.0	0.1
R3	0.1	0.4	0.0	0.4
R4	0.0	0.1	0.0	0.1
R5	0.0	0.2	0.0	0.2
R6	0.1	0.2	0.0	0.2
R7	0.1	0.2	0.0	0.2
R8	0.0	0.2	0.0	0.2
R9	0.0	0.1	0.0	0.1
R10	0.0	0.2	0.0	0.2
R11	0.0	0.0	0.0	0.0
R12	0.0	0.0	0.0	0.0

R13	0.0	0.0	0.0	0.0



Scenario:
ANTE OPERAM

Direzione Vento:
N 202°

Inquinante:
CO

Legenda

Sorgenti emissive simulate

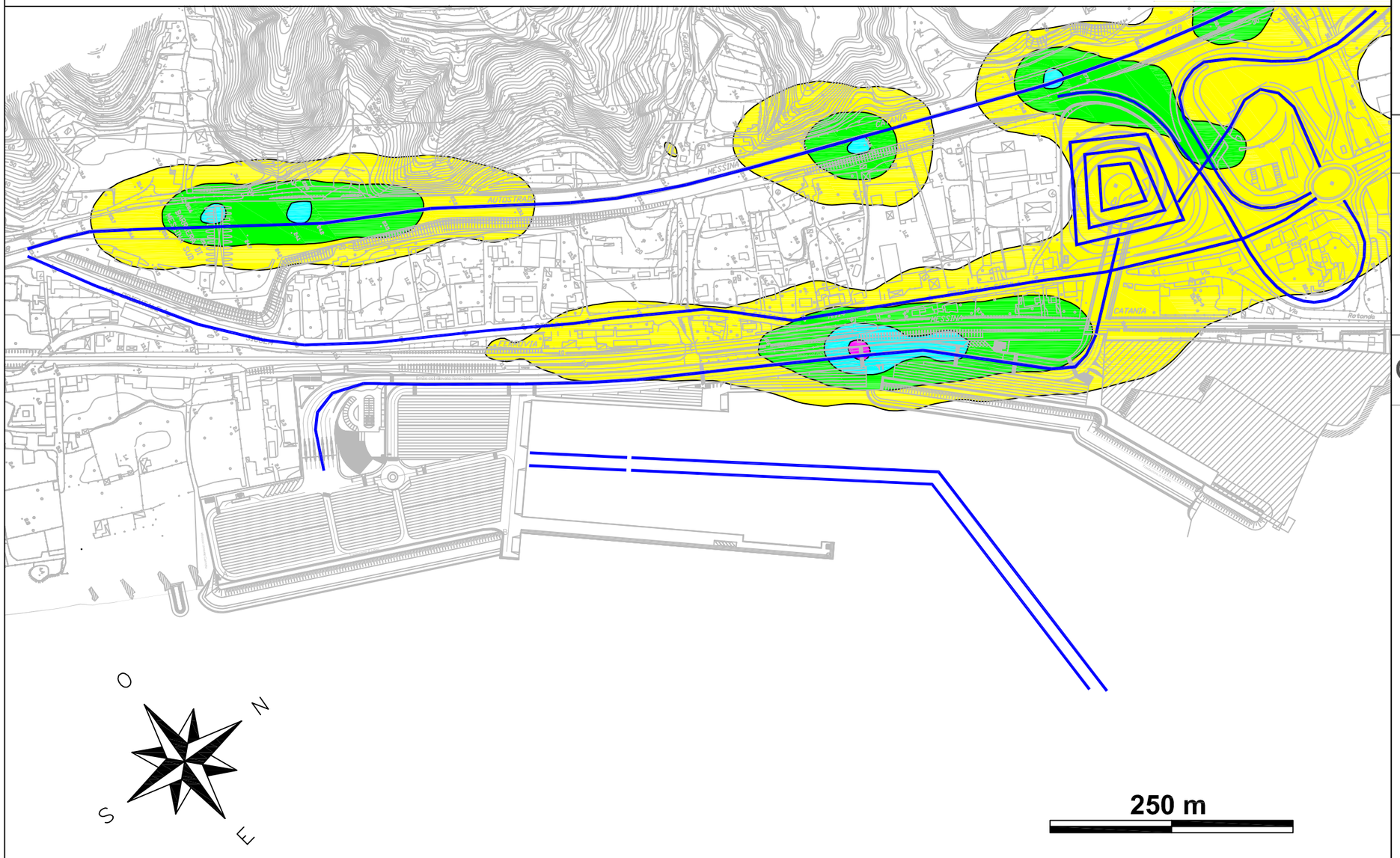
Concentrazione (mg/m³)

0.8
0.7 (Valore Massimo)
0.6
0.4
0.2
0

Scenario:
POST OPERAM

Direzione Vento:
N 202°

Inquinante:
CO



Legenda

Sorgenti emissive simulate

Concentrazione (mg/m³)

0.944 (Valore Massimo)
0.8
0.6
0.4
0.2
0

DIREZIONE VENTO: N 337°

INQUINANTE: CO

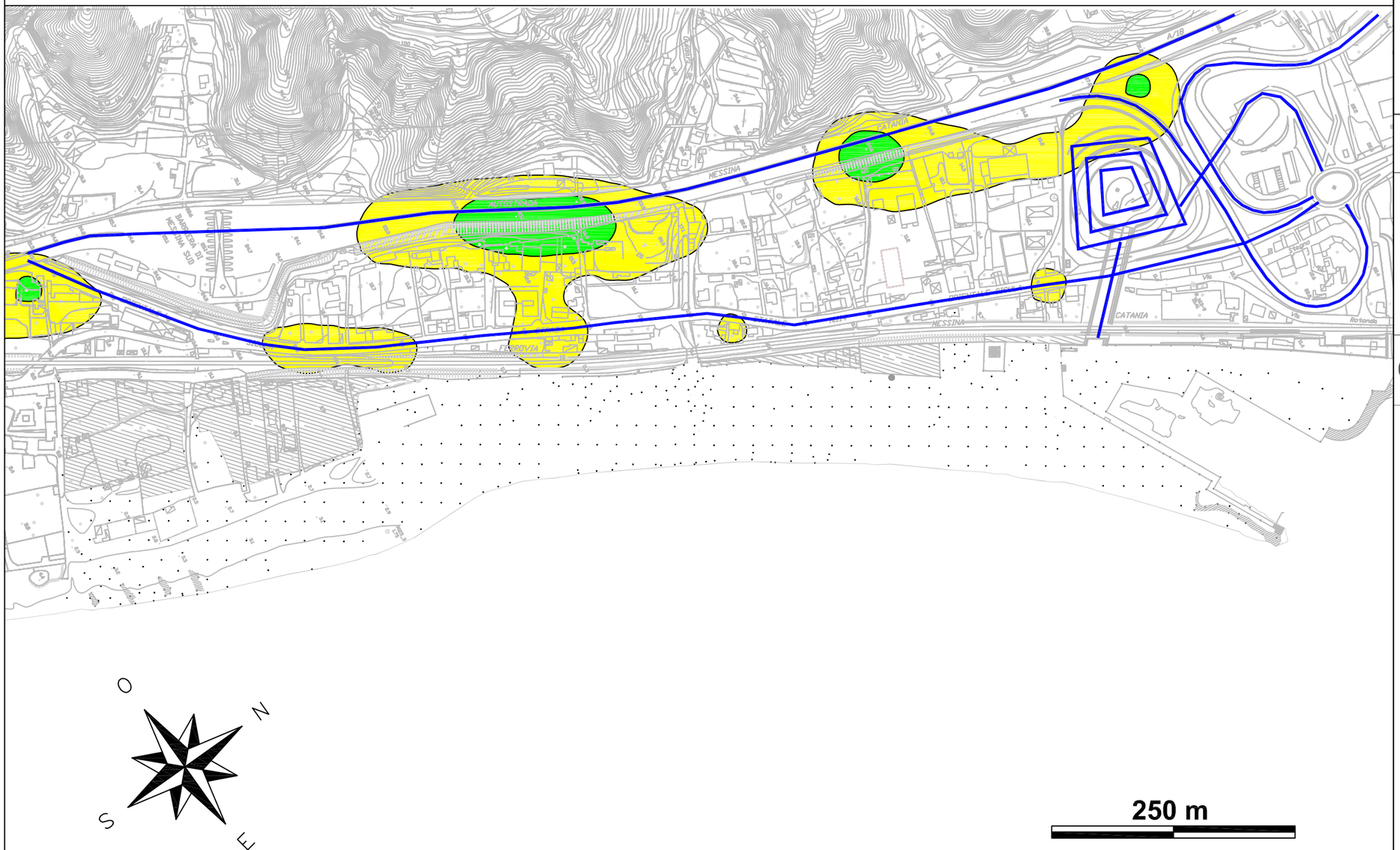
cod. ricettore	AO_CO_337	SV_CO_337	SN_CO_337	post operam
	Run ante operam (mg/mc)	*Run* post operam (solo veicoli) (mg/mc)	Run post operam (solo navi) (mg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.1	0.1	0.0	0.1
30	0.9	0.9	0.0	0.9
31	0.1	0.2	0.0	0.2
32	0.2	0.4	0.0	0.4
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0
44	1.2	1.2	0.0	1.2
45	0.7	0.7	0.0	0.7
46	0.6	0.6	0.0	0.6

47	0.5	1.1	0.0	1.1
48	0.1	0.7	0.0	0.7
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	0.1	0.1	0.0	0.1
55	0.2	0.2	0.0	0.2
56	0.8	0.8	0.0	0.8
57	1.2	1.2	0.0	1.2
58	1.2	1.2	0.0	1.2
59	0.7	0.7	0.0	0.7
60	0.5	0.5	0.0	0.5
61	0.4	0.4	0.0	0.4
62	0.4	0.4	0.0	0.4
63	0.4	0.7	0.0	0.7
64	0.2	1.3	0.0	1.3
65	0.4	0.6	0.0	0.6
66	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0
69	0.9	0.9	0.0	0.9
70	0.5	0.5	0.0	0.5
71	0.5	0.5	0.0	0.5
72	0.4	0.4	0.0	0.4
73	0.4	0.4	0.0	0.4
74	0.4	0.4	0.0	0.4
75	0.4	0.4	0.0	0.4
76	0.4	0.4	0.0	0.4
77	0.2	0.2	0.0	0.2
78	0.2	0.2	0.0	0.2
79	0.2	0.2	0.0	0.2
80	0.6	1.2	0.0	1.2
81	0.4	0.8	0.0	0.8
82	0.4	0.6	0.0	0.6
83	0.1	0.1	0.0	0.1
84	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0
86	0.4	0.4	0.0	0.4
87	0.4	0.4	0.0	0.4
88	0.5	0.5	0.0	0.5
89	0.6	0.6	0.0	0.6
90	0.6	0.6	0.0	0.6
91	0.5	0.5	0.0	0.5
92	0.5	0.5	0.0	0.5
93	0.4	0.4	0.0	0.4
94	0.4	0.4	0.0	0.4
95	0.4	0.7	0.0	0.7
96	0.4	1.1	0.0	1.1
97	0.2	0.7	0.0	0.7

98	0.2	0.4	0.0	0.4
99	0.1	0.2	0.0	0.2
100	0.1	0.1	0.0	0.1
101	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0
103	0.2	0.2	0.0	0.2
104	0.2	0.2	0.0	0.2
105	0.2	0.2	0.0	0.2
106	0.2	1.3	0.0	1.3
107	0.2	0.9	0.0	0.9
108	0.2	0.9	0.0	0.9
109	0.2	1.1	0.0	1.1
110	0.2	0.9	0.0	0.9
111	0.2	0.8	0.0	0.8
112	0.2	0.7	0.0	0.7
113	0.2	0.9	0.0	0.9
114	0.1	1.3	0.0	1.3
115	0.1	0.2	0.0	0.2
116	0.1	0.1	0.0	0.1
117	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0
120	0.2	0.2	0.0	0.2
121	0.2	0.2	0.0	0.2
122	0.2	0.2	0.0	0.2
123	0.2	1.7	0.0	1.7
124	0.2	0.5	0.0	0.5
125	0.2	0.6	0.0	0.6
126	0.2	0.6	0.0	0.6
127	0.2	0.5	0.0	0.5
128	0.2	0.5	0.0	0.5
129	0.2	0.5	0.0	0.5
130	0.1	0.7	0.0	0.7
131	0.1	0.4	0.0	0.4
132	0.1	0.1	0.0	0.1
133	0.0	0.1	0.0	0.1
134	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0
137	0.1	0.1	0.0	0.1
138	0.1	0.1	0.0	0.1
139	0.1	0.4	0.0	0.4
140	0.1	0.4	0.0	0.4
141	0.1	0.4	0.0	0.4
142	0.1	0.4	0.0	0.4
143	0.1	0.4	0.0	0.4
144	0.1	0.4	0.0	0.4
145	0.1	0.4	0.0	0.4
146	0.1	0.5	0.0	0.5
147	0.1	0.6	0.0	0.6
148	0.1	0.1	0.0	0.1

149	0.0	0.1	0.0	0.1
150	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0
154	0.1	0.1	0.0	0.1
155	0.1	0.1	0.0	0.1
156	0.1	0.5	0.0	0.5
157	0.1	0.4	0.0	0.4
158	0.1	0.4	0.0	0.4
159	0.1	0.4	0.0	0.4
160	0.1	0.4	0.0	0.4
161	0.1	0.4	0.0	0.4
162	0.1	0.4	0.0	0.4
163	0.1	0.5	0.0	0.5
164	0.1	0.4	0.0	0.4
165	0.1	0.1	0.0	0.1
166	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0
171	0.1	0.1	0.0	0.1
172	0.1	0.2	0.0	0.2
173	0.1	0.4	0.0	0.4
174	0.1	0.2	0.0	0.2
175	0.1	0.2	0.0	0.2
176	0.1	0.2	0.0	0.2
177	0.1	0.2	0.0	0.2
178	0.1	0.2	0.0	0.2
179	0.1	0.4	0.0	0.4
180	0.1	0.4	0.0	0.4
181	0.1	0.1	0.0	0.1
182	0.0	0.1	0.0	0.1
183	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	0.0	0.0	0.0	0.0
R3	0.1	0.1	0.0	0.1
R4	0.0	0.0	0.0	0.0
R5	0.4	0.5	0.0	0.5
R6	0.2	0.2	0.0	0.2
R7	0.2	0.2	0.0	0.2
R8	0.6	0.6	0.0	0.6
R9	0.4	0.4	0.0	0.4
R10	0.7	0.7	0.0	0.7
R11	0.5	0.5	0.0	0.5
R12	0.4	0.4	0.0	0.4

R13	0.2	0.2	0.0	0.2



Scenario:
ANTE OPERAM

Direzione Vento:
N 337°

Inquinante:
CO

Legenda

Sorgenti emissive simulate

Concentrazione (mg/m³)

1.4

1.2 (Valore Massimo)

0.8

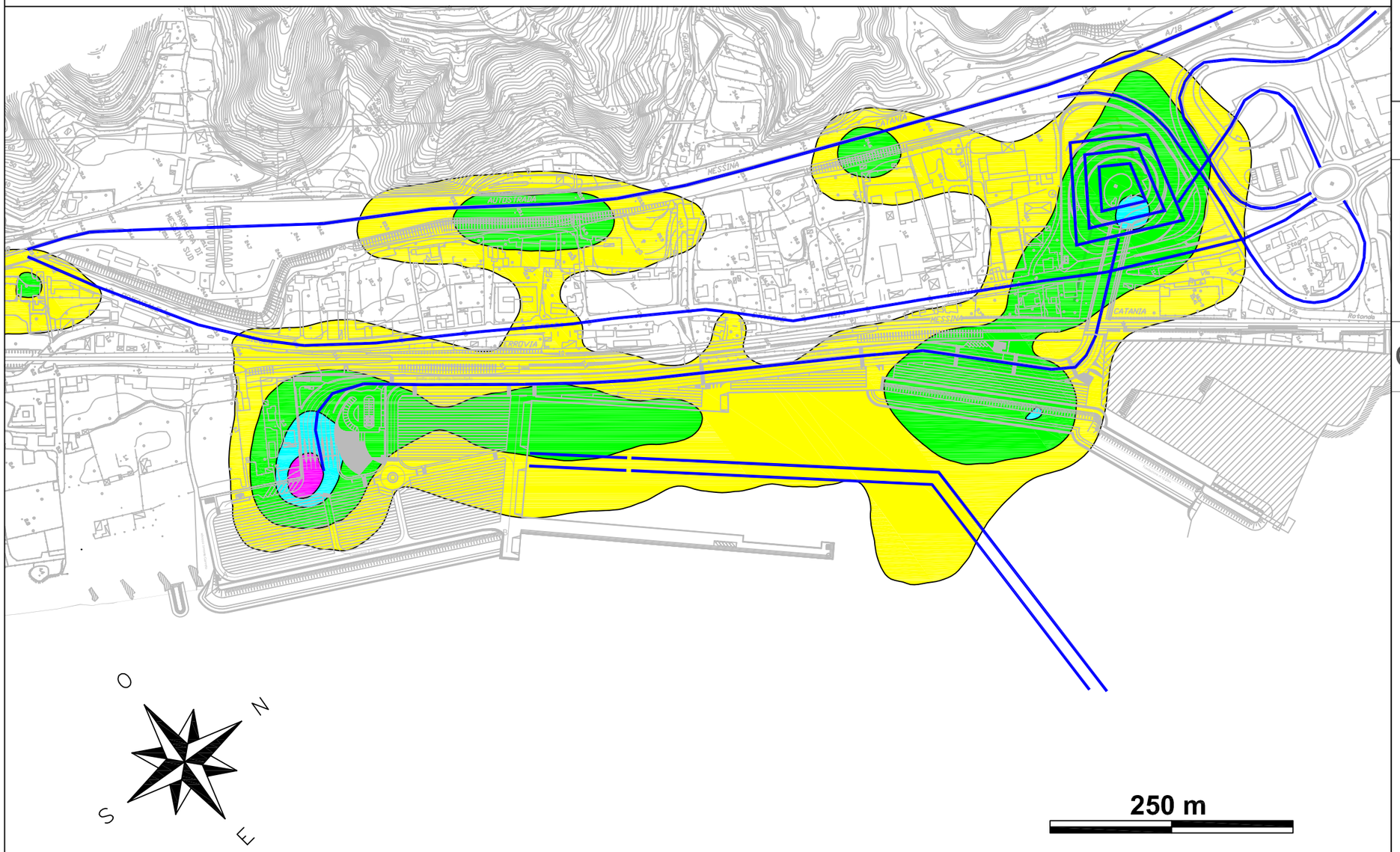
0.5

0

Scenario:
POST OPERAM

Direzione Vento:
N 337°

Inquinante:
CO



Legenda

Sorgenti emissive simulate

Concentrazione (mg/m³)

1.6 (Valore Massimo)
1.4
1.2
0.8
0.5
0

DIREZIONE VENTO: N 22°

INQUINANTE: NO_2

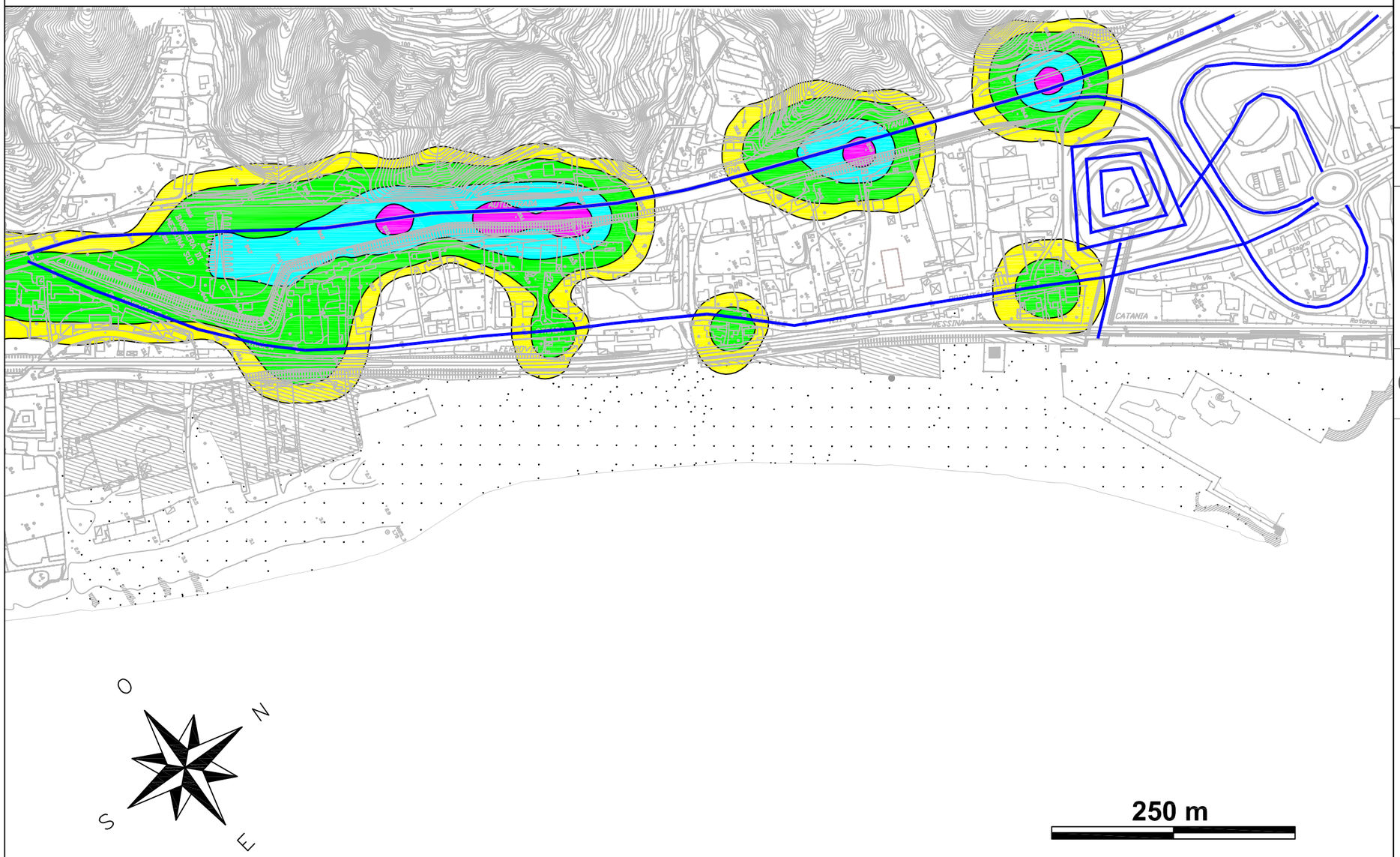
cod. ricettore	AO_NO2_22	SV_NO2_22	SN_NO2_22	post operam
	Run ante operam (µg/mc)	*Run* post operam (solo veicoli) (µg/mc)	Run post operam (solo navi) (µg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	39.0	39.0	0.0	39.0
30	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	19.5	19.5	0.0	19.5
44	39.0	39.0	0.0	39.0
45	0.0	0.0	0.0	0.0

46	0.0	0.0	0.0	0.0
47	0.0	19.5	0.0	19.5
48	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	19.5	19.5	0.0	19.5
55	19.5	19.5	0.0	19.5
56	39.0	39.0	0.0	39.0
57	39.0	39.0	0.0	39.0
58	39.0	39.0	0.0	39.0
59	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0
63	0.0	19.5	0.0	19.5
64	0.0	19.5	0.0	19.5
65	0.0	19.5	0.0	19.5
66	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0
69	19.5	19.5	0.0	19.5
70	19.5	19.5	0.0	19.5
71	19.5	19.5	0.0	19.5
72	19.5	19.5	0.0	19.5
73	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0
80	19.5	19.5	0.0	19.5
81	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0
89	19.5	19.5	0.0	19.5
90	0.0	19.5	0.0	19.5
91	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0
95	0.0	19.5	0.0	19.5

96	0.0	19.5	0.0	19.5
97	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0
106	0.0	19.5	0.0	19.5
107	0.0	19.5	0.0	19.5
108	0.0	19.5	0.0	19.5
109	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0
122	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0
124	0.0	0.0	6.5	6.5
125	0.0	0.0	32.5	32.5
126	0.0	0.0	6.5	6.5
127	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0
131	0.0	0.0	0.0	0.0
132	0.0	0.0	0.0	0.0
133	0.0	0.0	0.0	0.0
134	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0
137	0.0	0.0	0.0	0.0
138	0.0	0.0	6.5	6.5
139	0.0	0.0	6.5	6.5
140	0.0	0.0	13.0	13.0
141	0.0	0.0	6.5	6.5
142	0.0	0.0	6.5	6.5
143	0.0	0.0	6.5	6.5
144	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0

146	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0
148	0.0	0.0	0.0	0.0
149	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0
154	0.0	0.0	6.5	6.5
155	0.0	0.0	6.5	6.5
156	0.0	0.0	6.5	6.5
157	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0
159	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0
166	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0
171	0.0	0.0	0.0	0.0
172	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0
183	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	0.0	0.0	0.0	0.0
R3	0.0	0.0	0.0	0.0
R4	0.0	0.0	0.0	0.0
R5	0.0	0.0	0.0	0.0
R6	0.0	0.0	0.0	0.0
R7	0.0	0.0	0.0	0.0
R8	19.5	19.5	0.0	19.5

R9	0.0	0.0	0.0	0.0
R10	19.5	19.5	0.0	19.5
R11	0.0	0.0	0.0	0.0
R12	0.0	0.0	0.0	0.0
R13	0.0	0.0	0.0	0.0



Scenario:
ANTE OPERAM

Direzione Vento:
N 22°

Inquinante:
NO_2

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

39 (Valore Massimo)
30
20
10
5
0

Scenario:
POST OPERAM

Direzione Vento:
N 22°

Inquinante:
NO_2

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

39 (Valore Massimo)
30
20
10
5
0

O
N
S
E

250 m

DIREZIONE VENTO: N 202°

INQUINANTE: NO_2

cod. ricettore	AO_NO2_202	SV_NO2_202	SN_NO2_202	post operam
	Run ante operam (µg/mc)	*Run* post operam (solo veicoli) (µg/mc)	Run post operam (solo navi) (µg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	19.5	19.5	0.0	19.5
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	19.5	19.5	0.0	19.5
30	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0
44	19.5	19.5	0.0	19.5
45	0.0	0.0	0.0	0.0

46	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	19.5	19.5	0.0	19.5
55	19.5	19.5	0.0	19.5
56	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0
69	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0
81	0.0	0.0	0.0	0.0
82	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0

96	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0
107	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0
114	0.0	0.0	0.0	0.0
115	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0
122	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0
124	0.0	0.0	0.0	0.0
125	0.0	0.0	0.0	0.0
126	0.0	0.0	0.0	0.0
127	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0
131	0.0	0.0	0.0	0.0
132	0.0	0.0	0.0	0.0
133	0.0	0.0	0.0	0.0
134	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0
137	0.0	0.0	0.0	0.0
138	0.0	0.0	0.0	0.0
139	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0
142	0.0	0.0	0.0	0.0
143	0.0	0.0	0.0	0.0
144	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0

146	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0
148	0.0	0.0	0.0	0.0
149	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0
154	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0
157	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0
159	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0
166	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0
171	0.0	0.0	0.0	0.0
172	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0
183	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	0.0	0.0	0.0	0.0
R3	0.0	0.0	0.0	0.0
R4	0.0	0.0	0.0	0.0
R5	0.0	0.0	0.0	0.0
R6	0.0	0.0	0.0	0.0
R7	0.0	0.0	0.0	0.0
R8	0.0	0.0	0.0	0.0

R9	0.0	0.0	0.0	0.0
R10	0.0	0.0	0.0	0.0
R11	0.0	0.0	0.0	0.0
R12	0.0	0.0	0.0	0.0
R13	0.0	0.0	0.0	0.0

Scenario:
ANTE OPERAM

Direzione Vento:
N 202°

Inquinante:
NO_2

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

19.5 (Valore Massimo)

16

12

8

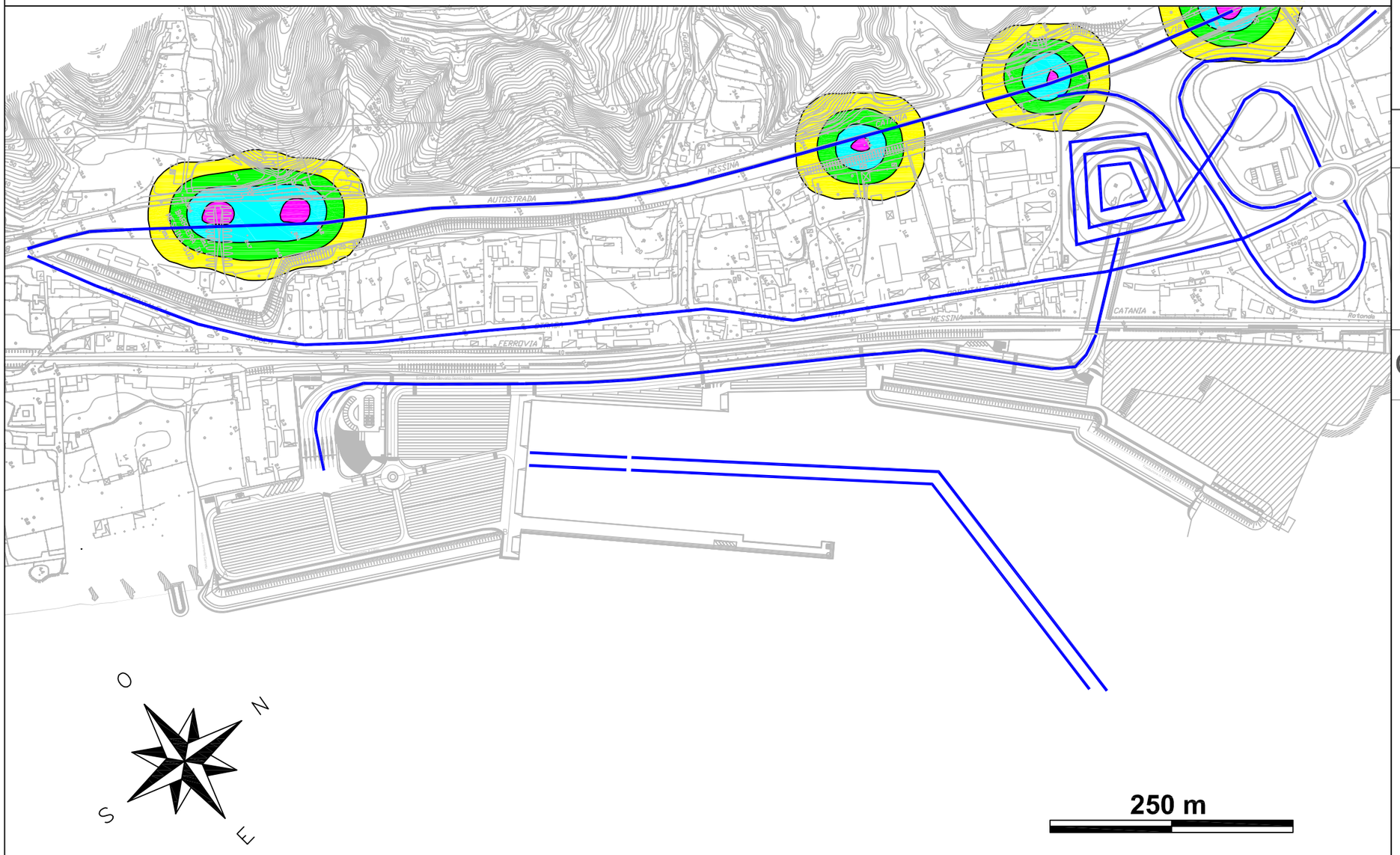
4

0

Scenario:
POST OPERAM

Direzione Vento:
N 202°

Inquinante:
NO_2



Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

19.5 (Valore Massimo)
16
12
8
4
0

DIREZIONE VENTO: N 337°

INQUINANTE: NO_2

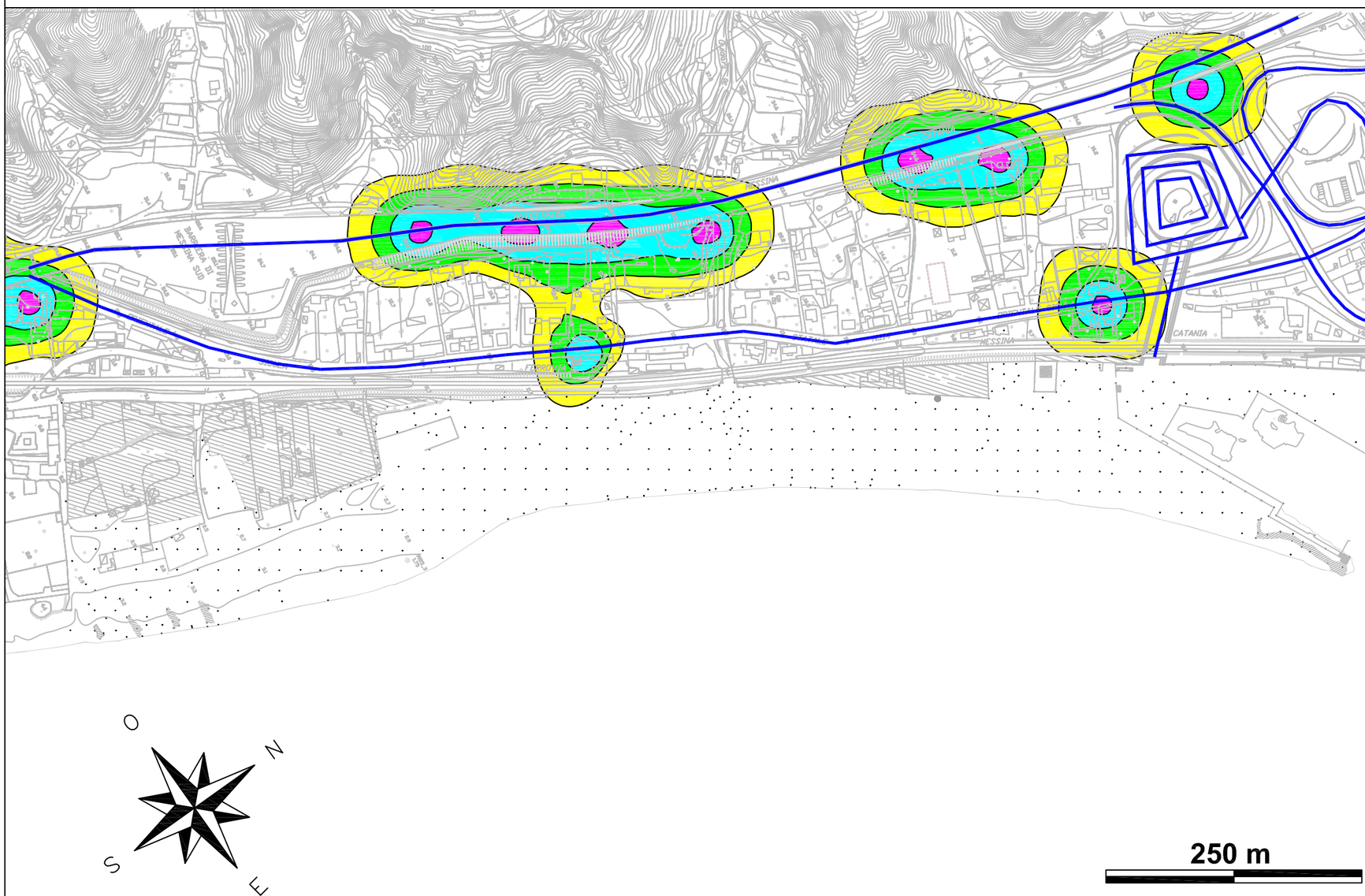
cod. ricettore	AO_NO2_337	SV_NO2_337	SN_NO2_337	post operam
	Run ante operam (µg/mc)	*Run* post operam (solo veicoli) (µg/mc)	Run post operam (solo navi) (µg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	19.5	19.5	0.0	19.5
31	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0
44	19.5	19.5	0.0	19.5
45	19.5	19.5	0.0	19.5

46	0.0	0.0	0.0	0.0
47	0.0	19.5	0.0	19.5
48	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0
56	19.5	19.5	0.0	19.5
57	19.5	19.5	0.0	19.5
58	19.5	19.5	0.0	19.5
59	19.5	19.5	0.0	19.5
60	0.0	0.0	0.0	0.0
61	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0
63	0.0	0.0	0.0	0.0
64	0.0	19.5	0.0	19.5
65	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0
69	19.5	19.5	0.0	19.5
70	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0
72	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0
80	19.5	19.5	0.0	19.5
81	0.0	19.5	0.0	19.5
82	0.0	0.0	0.0	0.0
83	0.0	0.0	0.0	0.0
84	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0
86	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0
91	0.0	0.0	0.0	0.0
92	0.0	0.0	0.0	0.0
93	0.0	0.0	0.0	0.0
94	0.0	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0

96	0.0	19.5	0.0	19.5
97	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0
101	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0
106	0.0	19.5	0.0	19.5
107	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0
113	0.0	0.0	0.0	0.0
114	0.0	19.5	0.0	19.5
115	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0
122	0.0	0.0	0.0	0.0
123	0.0	19.5	0.0	19.5
124	0.0	0.0	0.0	0.0
125	0.0	0.0	0.0	0.0
126	0.0	0.0	0.0	0.0
127	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0
131	0.0	0.0	0.0	0.0
132	0.0	0.0	0.0	0.0
133	0.0	0.0	0.0	0.0
134	0.0	0.0	0.0	0.0
135	0.0	0.0	0.0	0.0
136	0.0	0.0	0.0	0.0
137	0.0	0.0	0.0	0.0
138	0.0	0.0	0.0	0.0
139	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0
142	0.0	0.0	19.5	19.5
143	0.0	0.0	0.0	0.0
144	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0

146	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0
148	0.0	0.0	0.0	0.0
149	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0
152	0.0	0.0	0.0	0.0
153	0.0	0.0	0.0	0.0
154	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0
157	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0
159	0.0	0.0	13.0	13.0
160	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0
166	0.0	0.0	0.0	0.0
167	0.0	0.0	0.0	0.0
168	0.0	0.0	0.0	0.0
169	0.0	0.0	0.0	0.0
170	0.0	0.0	0.0	0.0
171	0.0	0.0	0.0	0.0
172	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0
175	0.0	0.0	6.5	6.5
176	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0
183	0.0	0.0	0.0	0.0
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	0.0	0.0	0.0	0.0
R3	0.0	0.0	0.0	0.0
R4	0.0	0.0	0.0	0.0
R5	0.0	0.0	0.0	0.0
R6	0.0	0.0	0.0	0.0
R7	0.0	0.0	0.0	0.0
R8	0.0	0.0	0.0	0.0

R9	0.0	0.0	0.0	0.0
R10	19.5	19.5	0.0	19.5
R11	0.0	0.0	0.0	0.0
R12	0.0	0.0	0.0	0.0
R13	0.0	0.0	0.0	0.0



Scenario:
ANTE OPERAM

Direzione Vento:
N 337°

Inquinante:
NO_2

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

19.5 (Valore Massimo)

16

12

8

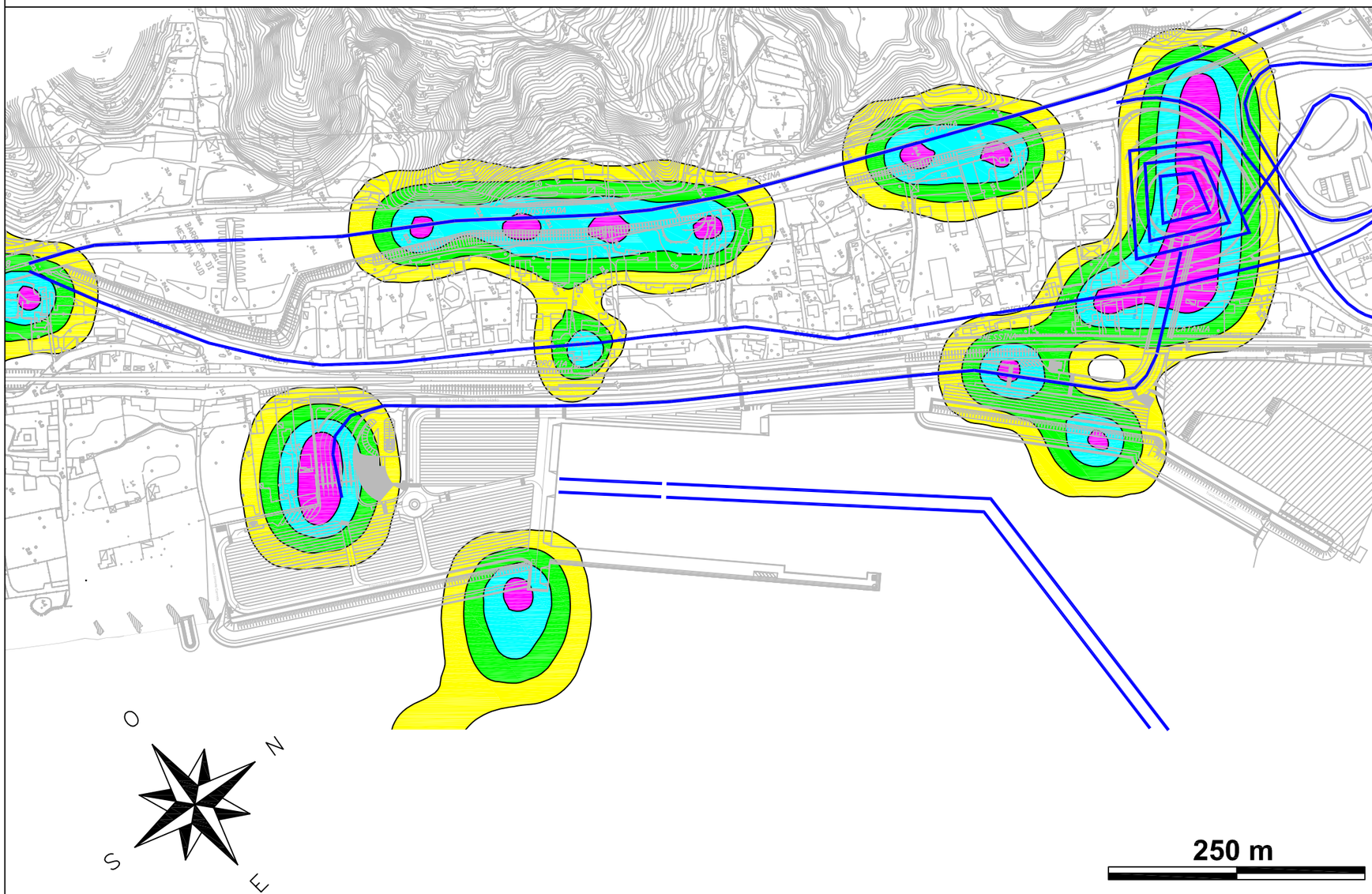
4

0

Scenario:
POST OPERAM

Direzione Vento:
N 337°

Inquinante:
NO_2



Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

19.5 (Valore Massimo)

16

12

8

4

0

DIREZIONE VENTO: N 22°

INQUINANTE: PM10

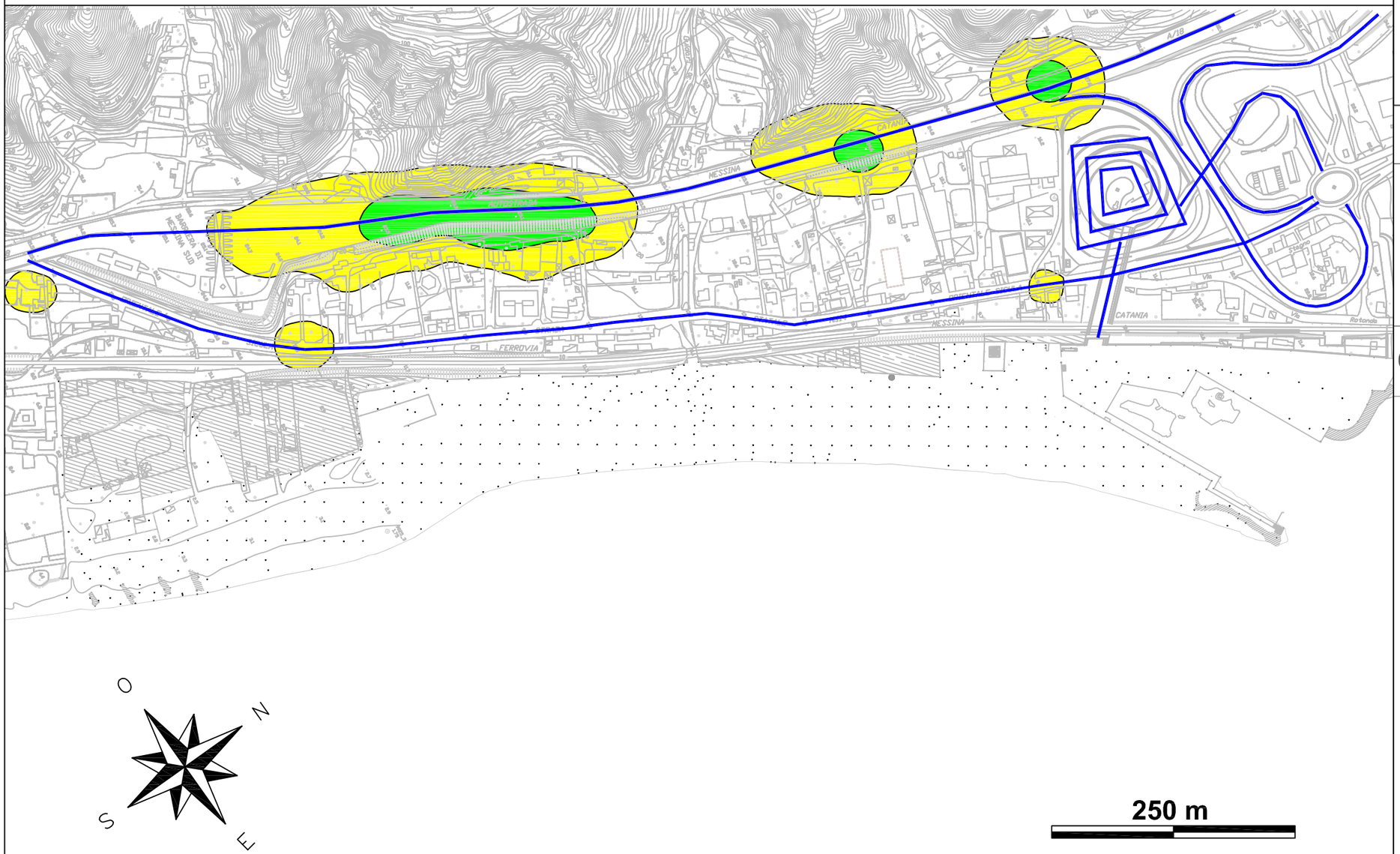
cod. ricettore	AO_PM_22	SV_PM_22	SN_PM_22	post operam
	Run ante operam (µg/mc)	*Run* post operam (solo veicoli) (µg/mc)	Run post operam (solo navi) (µg/mc)	
1	0	0	0.0	0.0
2	0	0	0.0	0.0
3	0	0	0.0	0.0
4	0	0	0.0	0.0
5	0	0	0.0	0.0
6	0	0	0.0	0.0
7	0	0	0.0	0.0
8	0	0	0.0	0.0
9	0	0	0.0	0.0
10	0	0	0.0	0.0
11	0	0	0.0	0.0
12	0	0	0.0	0.0
13	0.4	0.4	0.0	0.4
14	0.5	0.5	0.0	0.5
15	0.2	0.3	0.0	0.3
16	0	0	0.0	0.0
17	0	0	0.0	0.0
18	0	0	0.0	0.0
19	0	0	0.0	0.0
20	0	0	0.0	0.0
21	0	0	0.0	0.0
22	0.1	0.1	0.0	0.1
23	0.1	0.1	0.0	0.1
24	0.1	0.1	0.0	0.1
25	0.2	0.2	0.0	0.2
26	0.5	0.5	0.0	0.5
27	1.2	1.2	0.0	1.2
28	3.9	4	0.0	4.0
29	29.2	29.4	0.0	29.4
30	2.6	4	0.0	4.0
31	2.7	4.2	0.0	4.2
32	0	0	0.0	0.0
33	0	0	0.0	0.0
34	0	0	0.0	0.0
35	0.2	0.2	0.0	0.2
36	0.2	0.2	0.0	0.2
37	0.3	0.3	0.0	0.3
38	0.3	0.3	0.0	0.3
39	0.5	0.5	0.0	0.5
40	0.8	0.8	0.0	0.8
41	1.5	1.6	0.0	1.6
42	4	4.1	0.0	4.1
43	14.4	14.7	0.0	14.7
44	28.9	29.5	0.0	29.5
45	2.5	3.7	0.0	3.7

46	2.5	7	0.0	7.0
47	3.5	10.1	0.0	10.1
48	0.2	1	0.0	1.0
49	0.1	0.3	0.0	0.3
50	0	0	0.0	0.0
51	0	0	0.0	0.0
52	0.7	0.8	0.0	0.8
53	2.1	2.2	0.0	2.2
54	10.6	10.7	0.0	10.7
55	18.3	18.5	0.0	18.5
56	29.7	29.9	0.0	29.9
57	34.4	34.7	0.0	34.7
58	26.6	27.1	0.0	27.1
59	5.4	6.3	0.0	6.3
60	1.6	3.1	0.0	3.1
61	1.3	3.7	0.0	3.7
62	1.7	5.5	0.0	5.5
63	2.8	9.8	0.0	9.8
64	4	13.3	0.0	13.3
65	6.1	9.3	0.0	9.3
66	1.4	2.3	0.0	2.3
67	0	0	0.0	0.0
68	0	0	0.0	0.0
69	12.7	12.9	0.0	12.9
70	8.9	9.1	0.0	9.1
71	8	8.3	0.0	8.3
72	7.4	7.8	0.0	7.8
73	5.5	6.1	0.0	6.1
74	2.9	3.8	0.0	3.8
75	1.4	2.6	0.0	2.6
76	1.1	2.8	0.0	2.8
77	1.3	3.4	0.0	3.4
78	1.7	4.3	0.0	4.3
79	3.4	5.9	0.0	5.9
80	13.4	15	0.0	15.0
81	1.7	2.2	0.0	2.2
82	1.8	2.8	0.0	2.8
83	1.6	2.5	0.0	2.5
84	0	0	0.0	0.0
85	0	0	0.0	0.0
86	5.5	5.9	0.0	5.9
87	5.6	6.1	0.0	6.1
88	6.9	7.5	0.0	7.5
89	12.7	13.4	0.0	13.4
90	8.7	9.7	0.0	9.7
91	4.9	6.2	0.0	6.2
92	3.6	5.1	0.0	5.1
93	4.3	5.9	0.0	5.9
94	4.4	6.1	0.0	6.1
95	2	14.3	0.0	14.3

96	1	10.1	0.0	10.1
97	0.8	4	0.0	4.0
98	0.7	1.1	0.0	1.1
99	0.1	0.2	0.0	0.2
100	0	0	0.0	0.0
101	0	0	0.0	0.0
102	0	0	0.0	0.0
103	3.3	4.4	0.0	4.4
104	3	5.5	0.0	5.5
105	2.6	8.7	0.0	8.7
106	2.1	21.4	0.0	21.4
107	1.9	9.8	0.0	9.8
108	1.8	10.2	0.0	10.2
109	1.5	8.2	0.0	8.2
110	1	6	0.0	6.0
111	0.5	3.8	0.0	3.8
112	0.3	3.2	0.0	3.2
113	0.2	1.1	0.0	1.1
114	0.1	0.1	0.0	0.1
115	0	0	0.0	0.0
116	0	0	0.0	0.0
117	0	0	0.0	0.0
118	0	0	0.0	0.0
119	0	0	0.0	0.0
120	1.7	5.5	0.2	5.7
121	1.4	6.1	0.6	6.7
122	1.2	6.2	1.5	7.7
123	1	4.3	4.1	8.4
124	0.8	3.6	16.7	20.3
125	0.6	2.7	77.4	80.1
126	0.3	1.7	12.0	13.7
127	0.2	1.1	7.0	8.1
128	0.1	0.4	4.6	5.0
129	0	0.1	1.1	1.2
130	0	0	0.0	0.0
131	0	0	0.0	0.0
132	0	0	0.0	0.0
133	0	0	0.0	0.0
134	0	0	0.0	0.0
135	0	0	0.0	0.0
136	0	0	0.0	0.0
137	0.9	3.3	5.3	8.6
138	0.7	2.6	11.2	13.8
139	0.5	2.1	20.3	22.4
140	0.4	1.6	29.7	31.3
141	0.3	1.1	19.4	20.5
142	0.1	0.6	9.0	9.6
143	0.1	0.3	8.7	9.0
144	0	0.1	7.1	7.2
145	0	0	5.3	5.3

146	0	0	5.3	5.3
147	0	0	1.3	1.3
148	0	0	0.0	0.0
149	0	0	0.0	0.0
150	0	0	0.0	0.0
151	0	0	0.0	0.0
152	0	0	0.0	0.0
153	0	0	0.0	0.0
154	0.4	1.4	12.1	13.5
155	0.3	1.1	12.5	13.6
156	0.2	0.8	9.0	9.8
157	0.1	0.5	5.2	5.7
158	0.1	0.2	4.4	4.6
159	0	0.1	3.6	3.7
160	0	0	2.9	2.9
161	0	0	3.0	3.0
162	0	0	3.5	3.5
163	0	0	4.4	4.4
164	0	0	5.6	5.6
165	0	0	0.0	0.0
166	0	0	0.0	0.0
167	0	0	0.0	0.0
168	0	0	0.0	0.0
169	0	0	0.0	0.0
170	0	0	0.0	0.0
171	0.2	0.6	5.3	5.9
172	0.1	0.4	3.4	3.8
173	0.1	0.3	2.7	3.0
174	0	0.1	2.4	2.5
175	0	0	2.1	2.1
176	0	0	2.1	2.1
177	0	0	2.3	2.3
178	0	0	2.6	2.6
179	0	0	3.1	3.1
180	0	0	3.7	3.7
181	0	0	4.9	4.9
182	0	0	3.3	3.3
183	0	0	0.0	0.0
184	0	0	0.0	0.0
185	0	0	0.0	0.0
186	0	0	0.0	0.0
187	0	0	0.0	0.0
R1	0	0	0.0	0.0
R2	2.8	2.9	0.0	2.9
R3	0.9	1.5	0.0	1.5
R4	0	0	0.0	0.0
R5	1.9	3	0.0	3.0
R6	3.2	5.9	0.0	5.9
R7	3	5.2	0.0	5.2
R8	10.2	11.8	0.0	11.8

R9	1.1	3	0.0	3.0
R10	9.7	11.1	0.0	11.1
R11	6.6	7.3	0.0	7.3
R12	4.2	5.7	0.0	5.7
R13	4.3	4.9	0.0	4.9



Scenario:
ANTE OPERAM

Direzione Vento:
N 22°

Inquinante:
PM10

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

60

40

34.4 (Valore Massimo)

20

10

0

Scenario:
POST OPERAM

Direzione Vento:
N 22°

Inquinante:
PM10

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

80.1 (Valore Massimo)

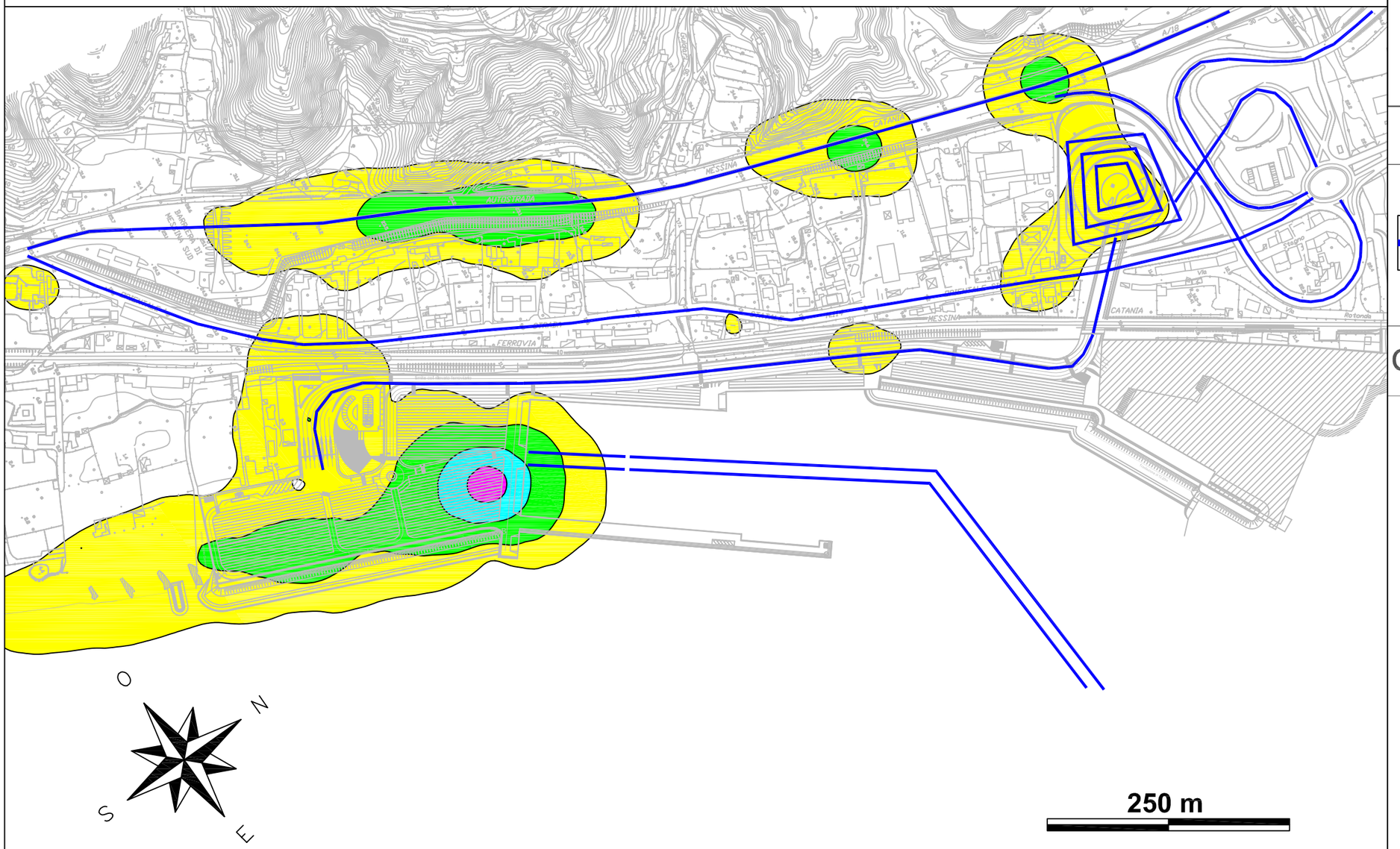
60

40

20

10

0



DIREZIONE VENTO: N 202°

INQUINANTE: PM10

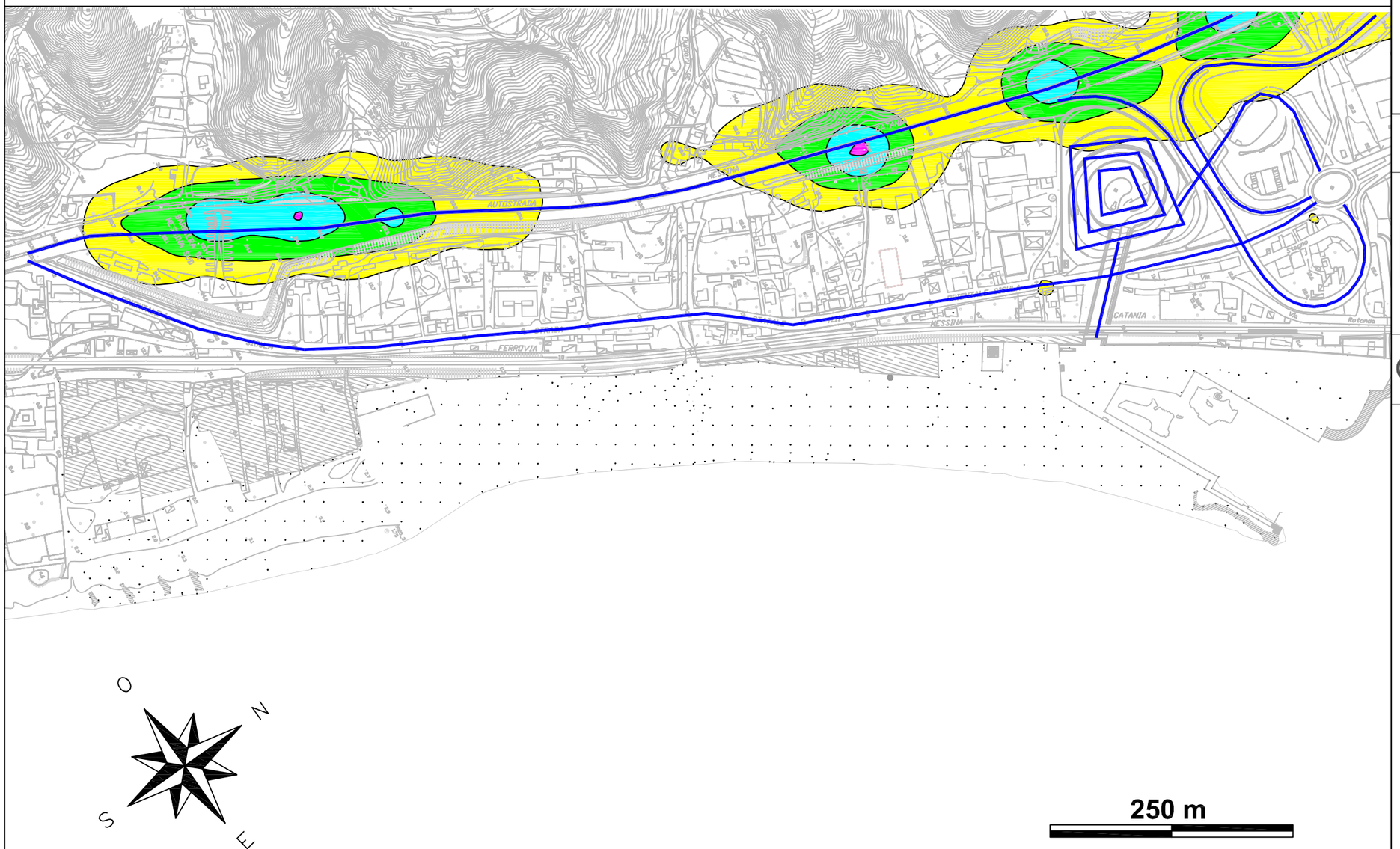
cod. ricettore	AO_PM_202	SV_PM_202	SN_PM_202	post operam
	Run ante operam (µg/mc)	*Run* post operam (solo veicoli) (µg/mc)	Run post operam (solo navi) (µg/mc)	
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	0.1	0.1	0.0	0.1
8	0.2	0.2	0.0	0.2
9	0.3	0.3	0.0	0.3
10	0.4	0.4	0.0	0.4
11	0.5	0.5	0.0	0.5
12	0.6	0.6	0.0	0.6
13	1.0	1.0	0.0	1.0
14	7.8	7.8	0.0	7.8
15	3.2	3.4	0.0	3.4
16	2.4	3.1	0.0	3.1
17	1.4	1.9	0.1	2.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.1	0.1	0.0	0.1
23	0.3	0.3	0.0	0.3
24	0.4	0.4	0.0	0.4
25	0.6	0.6	0.0	0.6
26	0.8	0.8	0.0	0.8
27	1.0	1.0	0.0	1.0
28	1.5	1.5	0.0	1.5
29	8.5	8.6	0.0	8.6
30	5.0	5.4	0.0	5.4
31	2.2	2.8	0.0	2.8
32	1.4	2.6	0.1	2.7
33	1.0	1.9	0.1	2.0
34	0.8	1.5	0.2	1.7
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.1	0.1	0.0	0.1
38	0.5	0.5	0.0	0.5
39	1.1	1.1	0.0	1.1
40	1.4	1.4	0.0	1.4
41	1.8	1.8	0.0	1.8
42	2.3	2.3	0.0	2.3
43	4.0	4.0	0.0	4.0
44	9.4	9.4	0.0	9.4
45	2.0	2.0	0.0	2.0

46	0.9	1.0	0.0	1.0
47	1.2	3.6	0.0	3.6
48	1.8	4.7	0.1	4.8
49	1.1	3.1	0.3	3.4
50	0.8	1.9	0.4	2.3
51	0.8	1.5	0.5	2.0
52	0.0	0.0	0.0	0.0
53	4.2	4.2	0.0	4.2
54	8.3	8.3	0.0	8.3
55	8.7	8.7	0.0	8.7
56	6.8	6.8	0.0	6.8
57	3.7	3.7	0.0	3.7
58	1.1	1.1	0.0	1.1
59	0.5	0.5	0.0	0.5
60	0.4	0.5	0.0	0.5
61	0.4	0.6	0.0	0.6
62	0.4	0.6	0.0	0.6
63	0.4	0.7	0.1	0.8
64	1.0	3.7	0.4	4.1
65	1.2	2.8	0.6	3.4
66	2.1	3.0	0.8	3.8
67	0.9	1.8	0.8	2.6
68	0.5	1.1	0.9	2.0
69	0.0	0.0	0.0	0.0
70	1.5	1.5	0.0	1.5
71	0.6	0.6	0.0	0.6
72	0.4	0.4	0.0	0.4
73	0.3	0.3	0.0	0.3
74	0.3	0.3	0.0	0.3
75	0.5	0.6	0.0	0.6
76	0.7	1.0	0.0	1.0
77	1.0	1.5	0.0	1.5
78	0.7	1.4	0.1	1.5
79	1.4	2.2	0.5	2.7
80	2.3	3.4	0.9	4.3
81	0.5	2.2	1.2	3.4
82	0.2	1.3	1.3	2.6
83	0.6	1.7	1.3	3.0
84	0.4	1.2	1.2	2.4
85	0.1	0.4	1.1	1.5
86	0.0	0.0	0.0	0.0
87	0.0	0.0	0.0	0.0
88	0.0	0.0	0.0	0.0
89	0.3	0.3	0.0	0.3
90	0.2	0.3	0.0	0.3
91	0.1	1.7	0.0	1.7
92	0.0	2.1	0.0	2.1
93	0.0	2.3	0.0	2.3
94	0.0	3.2	0.4	3.6
95	0.0	5.7	1.7	7.4

96	0.0	4.8	2.4	7.2
97	0.0	3.6	2.3	5.9
98	0.0	2.4	2.1	4.5
99	0.0	0.5	1.8	2.3
100	0.0	0.2	1.5	1.7
101	0.0	0.1	1.2	1.3
102	0.0	0.1	1.0	1.1
103	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0
105	0.0	0.0	0.0	0.0
106	0.0	0.0	0.0	0.0
107	0.0	0.7	0.0	0.7
108	0.0	0.2	0.0	0.2
109	0.0	0.1	0.0	0.1
110	0.0	0.0	3.8	3.8
111	0.0	0.0	7.0	7.0
112	0.0	0.0	4.9	4.9
113	0.0	0.0	3.6	3.6
114	0.0	0.0	2.9	2.9
115	0.0	0.0	2.3	2.3
116	0.0	0.0	1.6	1.6
117	0.0	0.0	1.2	1.2
118	0.0	0.0	0.9	0.9
119	0.0	0.0	0.7	0.7
120	0.0	0.0	0.0	0.0
121	0.0	0.0	0.0	0.0
122	0.0	0.0	0.0	0.0
123	0.0	0.0	0.0	0.0
124	0.0	0.0	0.0	0.0
125	0.0	0.0	0.0	0.0
126	0.0	0.0	0.3	0.3
127	0.0	0.0	1.9	1.9
128	0.0	0.0	1.5	1.5
129	0.0	0.0	2.2	2.2
130	0.0	0.0	2.6	2.6
131	0.0	0.0	2.1	2.1
132	0.0	0.0	1.3	1.3
133	0.0	0.0	0.9	0.9
134	0.0	0.0	0.7	0.7
135	0.0	0.0	0.6	0.6
136	0.0	0.0	0.5	0.5
137	0.0	0.0	0.0	0.0
138	0.0	0.0	0.0	0.0
139	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0
142	0.0	0.0	0.0	0.0
143	0.0	0.0	0.0	0.0
144	0.0	0.0	0.0	0.0
145	0.0	0.0	0.0	0.0

146	0.0	0.0	0.0	0.0
147	0.0	0.0	0.0	0.0
148	0.0	0.0	1.2	1.2
149	0.0	0.0	1.0	1.0
150	0.0	0.0	0.8	0.8
151	0.0	0.0	0.6	0.6
152	0.0	0.0	0.5	0.5
153	0.0	0.0	0.3	0.3
154	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0
156	0.0	0.0	0.0	0.0
157	0.0	0.0	0.0	0.0
158	0.0	0.0	0.0	0.0
159	0.0	0.0	0.0	0.0
160	0.0	0.0	0.0	0.0
161	0.0	0.0	0.0	0.0
162	0.0	0.0	0.0	0.0
163	0.0	0.0	0.0	0.0
164	0.0	0.0	0.0	0.0
165	0.0	0.0	0.0	0.0
166	0.0	0.0	1.2	1.2
167	0.0	0.0	0.9	0.9
168	0.0	0.0	0.4	0.4
169	0.0	0.0	0.2	0.2
170	0.0	0.0	0.1	0.1
171	0.0	0.0	0.0	0.0
172	0.0	0.0	0.0	0.0
173	0.0	0.0	0.0	0.0
174	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0
177	0.0	0.0	0.0	0.0
178	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0
181	0.0	0.0	0.0	0.0
182	0.0	0.0	0.0	0.0
183	0.0	0.0	0.1	0.1
184	0.0	0.0	0.0	0.0
185	0.0	0.0	0.0	0.0
186	0.0	0.0	0.0	0.0
187	0.0	0.0	0.0	0.0
R1	0.0	0.0	0.0	0.0
R2	1.8	1.8	0.0	1.8
R3	2.0	3.0	0.8	3.8
R4	0.1	0.6	1.3	1.9
R5	0.1	1.3	1.5	2.8
R6	1.3	2.1	0.5	2.6
R7	1.3	2.1	0.2	2.3
R8	0.2	1.3	0.0	1.3

R9	0.6	1.0	0.0	1.0
R10	0.5	1.5	0.0	1.5
R11	0.3	0.3	0.0	0.3
R12	0.0	0.0	0.0	0.0
R13	0.0	0.0	0.0	0.0



Scenario:
ANTE OPERAM

Direzione Vento:
N 202°

Inquinante:
PM10

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

9.4 (Valore Massimo)

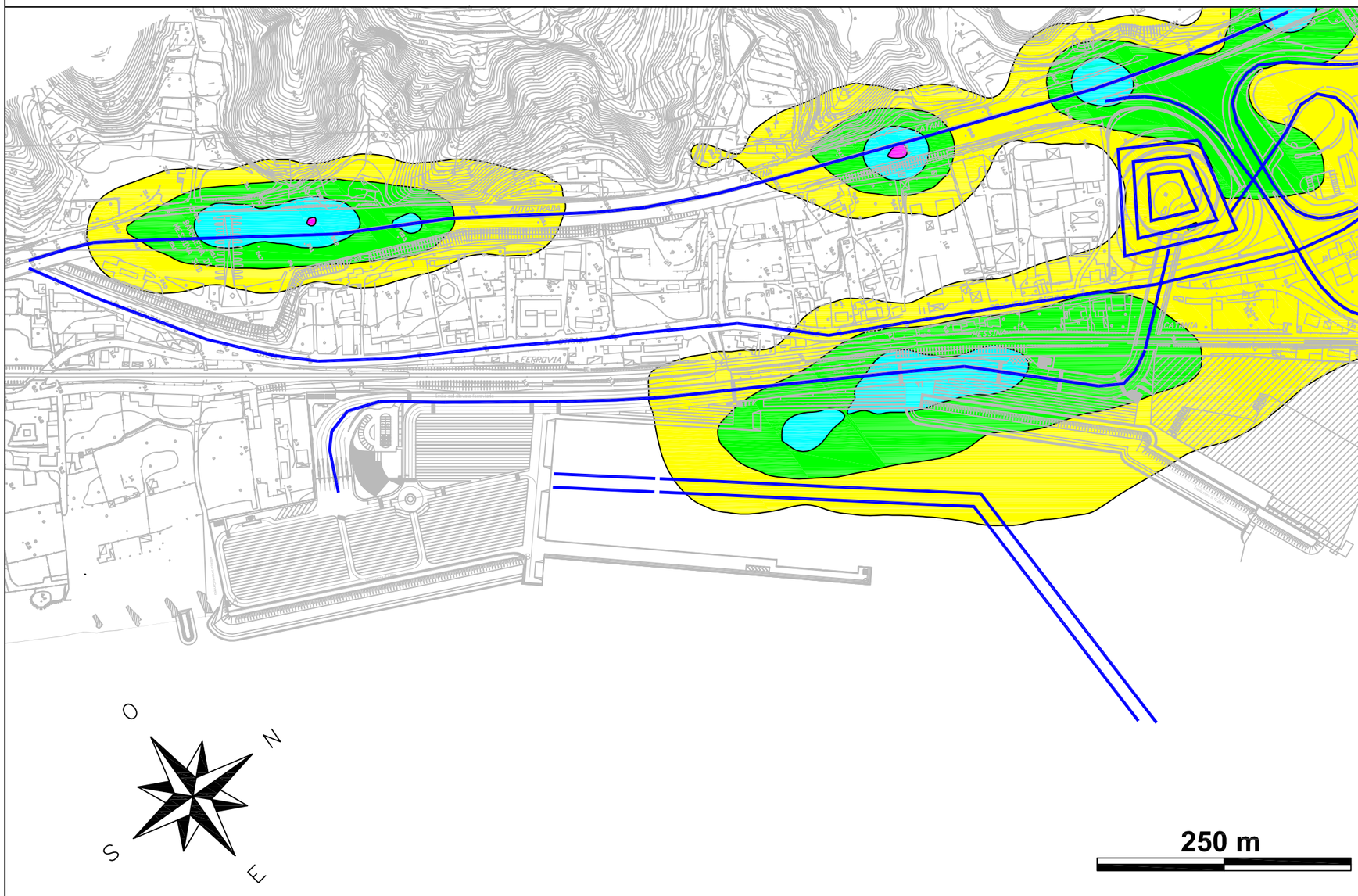
8

6

4

2

0



Scenario:
POST OPERAM

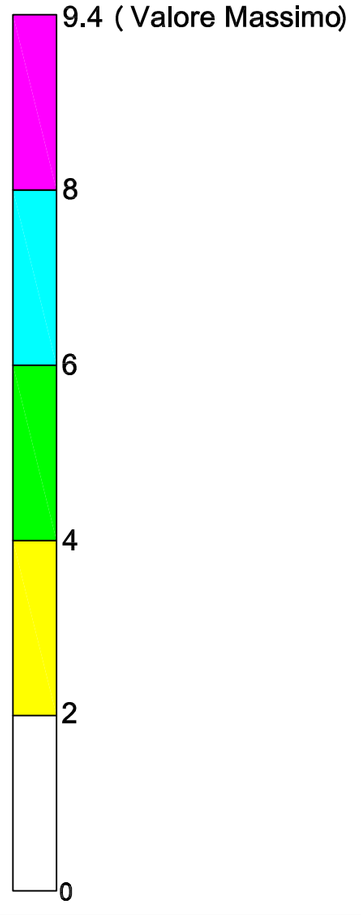
Direzione Vento:
N 202°

Inquinante:
PM10

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)



DIREZIONE VENTO: N 337°

INQUINANTE: PM10

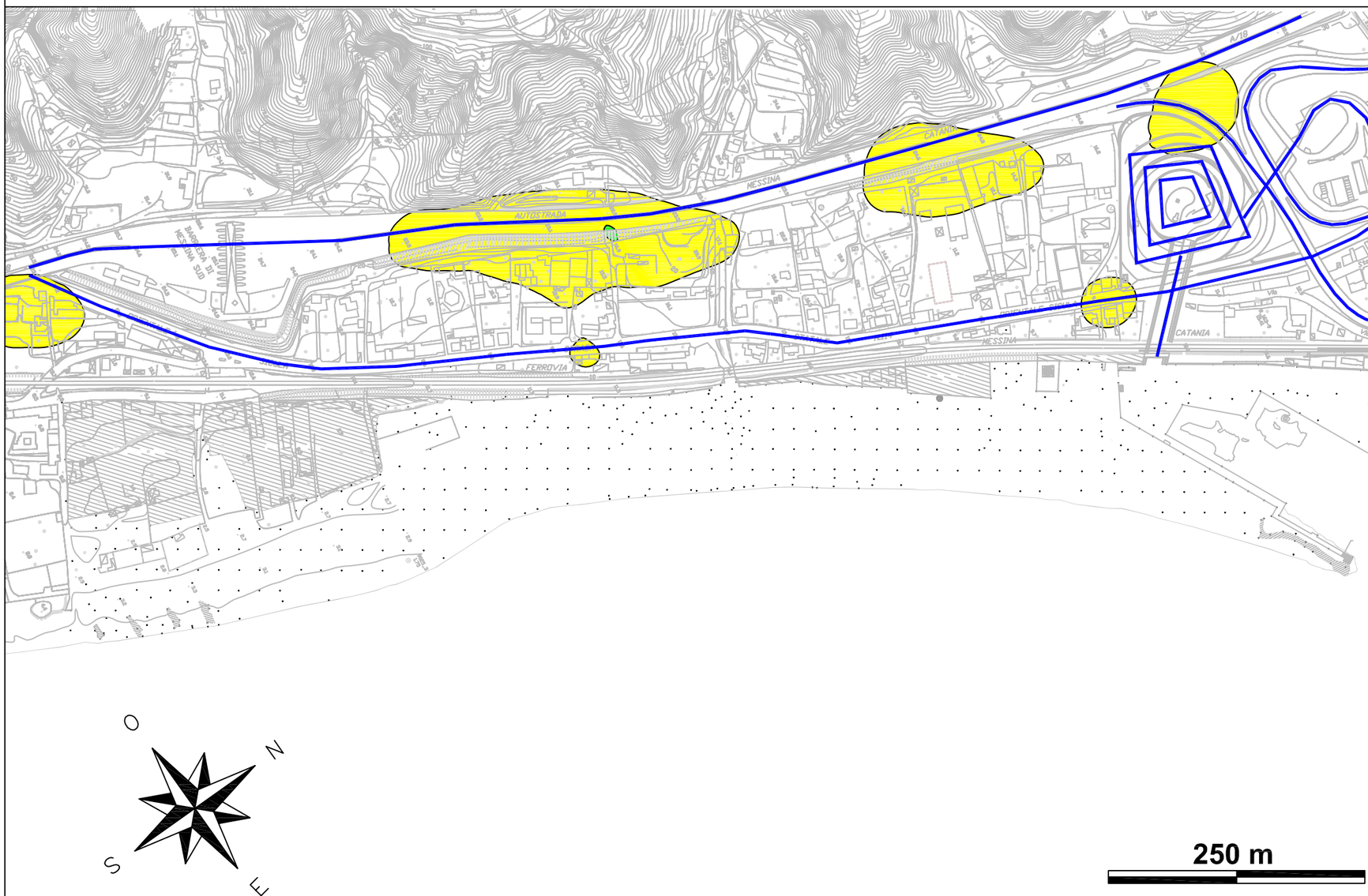
cod. ricettore	AO_PM_337	SV_PM_337	SN_PM_337	post operam
	Run ante operam (µg/mc)	*Run* post operam (solo veicoli) (µg/mc)	Run post operam (solo navi) (µg/mc)	
1	0	0	0.0	0.0
2	0	0	0.0	0.0
3	0	0	0.0	0.0
4	0	0	0.0	0.0
5	0	0	0.0	0.0
6	0	0	0.0	0.0
7	0	0	0.0	0.0
8	0	0	0.0	0.0
9	0	0	0.0	0.0
10	0	0	0.0	0.0
11	0	0	0.0	0.0
12	0	0	0.0	0.0
13	0	0	0.0	0.0
14	0	0	0.0	0.0
15	0	0	0.0	0.0
16	0	0	0.0	0.0
17	0	0	0.0	0.0
18	0	0	0.0	0.0
19	0	0	0.0	0.0
20	0	0	0.0	0.0
21	0	0	0.0	0.0
22	0	0	0.0	0.0
23	0	0	0.0	0.0
24	0	0	0.0	0.0
25	0	0	0.0	0.0
26	0	0	0.0	0.0
27	0	0	0.0	0.0
28	0	0	0.0	0.0
29	2	2	0.0	2.0
30	11.7	11.7	0.0	11.7
31	1.9	3.1	0.0	3.1
32	2.4	3.9	0.0	3.9
33	0	0	0.0	0.0
34	0	0	0.0	0.0
35	0	0	0.0	0.0
36	0	0	0.0	0.0
37	0	0	0.0	0.0
38	0	0	0.0	0.0
39	0	0	0.0	0.0
40	0	0	0.0	0.0
41	0	0	0.0	0.0
42	0	0	0.0	0.0
43	0	0	0.0	0.0
44	14.4	14.4	0.0	14.4
45	9.6	9.6	0.0	9.6

46	6.9	7.2	0.0	7.2
47	6.4	12.4	0.0	12.4
48	2.1	7.7	0.0	7.7
49	0.1	0.4	0.0	0.4
50	0	0	0.0	0.0
51	0	0	0.0	0.0
52	0	0	0.0	0.0
53	0	0	0.0	0.0
54	1.5	1.5	0.0	1.5
55	3.5	3.5	0.0	3.5
56	9.7	9.7	0.0	9.7
57	14.3	14.3	0.0	14.3
58	15.5	15.5	0.0	15.5
59	9.5	9.5	0.0	9.5
60	6.5	6.5	0.0	6.5
61	4.9	4.9	0.0	4.9
62	4	4	0.0	4.0
63	4.7	7.9	0.0	7.9
64	4.7	14.6	0.0	14.6
65	4.2	7.4	0.0	7.4
66	0	0	0.0	0.0
67	0	0	0.0	0.0
68	0	0	0.0	0.0
69	11.4	11.4	0.0	11.4
70	6.1	6.1	0.0	6.1
71	5.4	5.4	0.0	5.4
72	5.1	5.1	0.0	5.1
73	4.7	4.7	0.0	4.7
74	4.5	4.5	0.0	4.5
75	4.4	4.4	0.0	4.4
76	4.1	4.1	0.0	4.1
77	3.4	3.4	0.0	3.4
78	2.9	2.9	0.0	2.9
79	2.9	3.1	0.0	3.1
80	8.7	14.3	0.0	14.3
81	5.5	9.7	0.0	9.7
82	4.8	6.6	0.0	6.6
83	0.9	1.4	0.0	1.4
84	0	0	0.0	0.0
85	0	0	0.0	0.0
86	4.5	4.5	0.0	4.5
87	4.4	4.4	0.0	4.4
88	5.7	5.7	0.0	5.7
89	6.9	6.9	0.0	6.9
90	7.2	7.2	0.0	7.2
91	5.8	5.8	0.0	5.8
92	5.1	5.1	0.0	5.1
93	4.6	4.6	0.0	4.6
94	4.6	4.6	0.0	4.6
95	4.2	6.7	0.0	6.7

96	4.2	9.4	0.0	9.4
97	4.2	8.6	0.0	8.6
98	2.4	3.6	0.0	3.6
99	1.5	2.2	0.0	2.2
100	0.9	1.4	0.0	1.4
101	0	0	0.0	0.0
102	0	0	0.0	0.0
103	2.9	2.9	0.0	2.9
104	2.9	2.9	0.0	2.9
105	3	3	0.0	3.0
106	3.3	9.5	0.0	9.5
107	3.1	7.8	0.0	7.8
108	3.1	7.8	0.0	7.8
109	3.2	8	0.0	8.0
110	2.9	7.3	0.0	7.3
111	2.9	6.5	0.0	6.5
112	2.9	6.3	0.0	6.3
113	3.2	8.4	0.0	8.4
114	2.7	11.1	0.0	11.1
115	1.8	2.5	0.0	2.5
116	0.8	1.3	0.0	1.3
117	0	0	0.0	0.0
118	0	0	0.0	0.0
119	0	0	0.0	0.0
120	2.3	2.3	0.0	2.3
121	2.3	2.3	0.0	2.3
122	2.4	2.4	0.0	2.4
123	2.4	11.5	0.0	11.5
124	2.4	4.5	0.0	4.5
125	2.5	4.6	0.1	4.7
126	2.4	4.5	1.1	5.6
127	2.3	4.3	0.4	4.7
128	2.3	4.2	0.3	4.5
129	2.5	4.8	0.1	4.9
130	2.5	6.8	0.0	6.8
131	1.6	3.2	0.0	3.2
132	1.1	1.5	0.0	1.5
133	0.6	1	0.0	1.0
134	0	0	0.0	0.0
135	0	0	0.0	0.0
136	0	0	0.0	0.0
137	1.9	1.9	0.0	1.9
138	1.9	1.9	0.0	1.9
139	2	3	0.0	3.0
140	2	3.5	0.0	3.5
141	2	3.5	0.0	3.5
142	2	3.4	50.9	54.3
143	2	3.5	5.7	9.2
144	2	3.4	5.7	9.1
145	2	3.5	5.8	9.3

146	2.2	4.7	5.7	10.4
147	1.9	5.4	1.2	6.6
148	1.2	1.8	0.0	1.8
149	0.6	0.9	0.0	0.9
150	0.1	0.2	0.0	0.2
151	0	0	0.0	0.0
152	0	0	0.0	0.0
153	0	0	0.0	0.0
154	1.6	1.6	0.0	1.6
155	1.7	1.7	0.0	1.7
156	1.7	4.1	0.0	4.1
157	1.7	2.8	0.0	2.8
158	1.8	2.9	1.5	4.4
159	1.8	3	32.4	35.4
160	1.7	2.9	4.3	7.2
161	1.8	2.9	4.3	7.2
162	1.8	3.4	4.4	7.8
163	1.9	4.6	4.4	9.0
164	1.3	3	5.5	8.5
165	0.8	1.2	0.0	1.2
166	0.4	0.6	0.0	0.6
167	0	0	0.0	0.0
168	0	0	0.0	0.0
169	0	0	0.0	0.0
170	0	0	0.0	0.0
171	1.5	1.5	0.0	1.5
172	1.5	2.1	0.0	2.1
173	1.5	2.9	0.0	2.9
174	1.5	2.5	0.0	2.5
175	1.6	2.6	17.4	20.0
176	1.6	2.5	7.2	9.7
177	1.6	2.5	3.5	6.0
178	1.6	2.7	3.5	6.2
179	1.7	3.4	3.5	6.9
180	1.5	3.9	3.7	7.6
181	1	1.7	4.9	6.6
182	0.6	0.8	3.7	4.5
183	0.2	0.3	0.0	0.3
184	0	0	0.0	0.0
185	0	0	0.0	0.0
186	0	0	0.0	0.0
187	0	0	0.0	0.0
R1	0	0	0.0	0.0
R2	0	0	0.0	0.0
R3	1.9	2	0.0	2.0
R4	0	0	0.0	0.0
R5	3.8	5.3	0.0	5.3
R6	3	3.3	0.0	3.3
R7	2.7	2.7	0.0	2.7
R8	7.3	7.3	0.0	7.3

R9	4.1	4.1	0.0	4.1
R10	7.9	7.9	0.0	7.9
R11	5.6	5.6	0.0	5.6
R12	3.7	3.7	0.0	3.7
R13	3.5	3.5	0.0	3.5



Scenario:
ANTE OPERAM

Direzione Vento:
N 337°

Inquinante:
PM10

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

40

28

15.5 (Valore Massimo)

14

7

0

Scenario:
POST OPERAM

Direzione Vento:
N 337°

Inquinante:
PM10

Legenda

Sorgenti emissive simulate

Concentrazione (µg/m³)

54.3 (Valore Massimo)

40

28

14

7

0

O

N

S

E

250 m

“WORST CASE”

INQUINANTE: CO

cod. ricettore	angolo di vento (da N)	post operam (mg/mc)
R1	64	0.7
R2	41	1.3
R3	239	2.1
R4	212	1.3
R5	204	1.3
R6	194	1.8
R7	190	1.8
R8	29	1.9
R9	193	1.1
R10	22	1.6
R11	15	1.3
R12	34	2.3
R13	35	1.2

“WORST CASE”

INQUINANTE: NO_2

cod. ricettore	angolo di vento (da N)	post operam (µg/mc)
R1	84	6.5
R2	148	32.5
R3	239	26.0
R4	235	26.0
R5	200	26.0
R6	189	26.0
R7	186	32.5
R8	175	39.0
R9	164	39.0
R10	128	52.0
R11	100	39.0
R12	50	39.0
R13	46	26.0

“WORST CASE”

INQUINANTE: PM10

cod. ricettore	angolo di vento (da N)	post operam (µg/mc)
R1	84	23.3
R2	148	43.8
R3	197	34.7
R4	203	25.7
R5	199	26.6
R6	189	37.5
R7	185	45.5
R8	175	77.1
R9	164	58.1
R10	128	95.5
R11	100	68.3
R12	50	55.4
R13	47	32.5