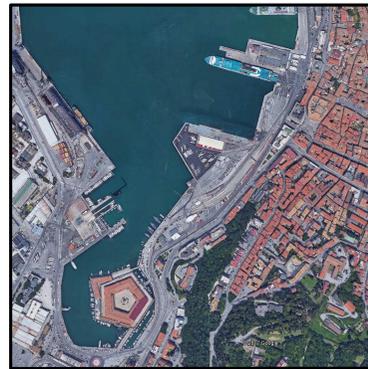


ENVIRONMENTAL REMEDIATION OF ANCONA'S HARBOUR AREA DUE TO OIL SPILLING



DESCRIPTION OF THE EVENT



On the 23/08/2016, during ferry's refueling, an accidental oil spilling occurred. Docks 13, 14 and 15 were affected by the tragic event.



SECURING TEAM HARBOUR AREA



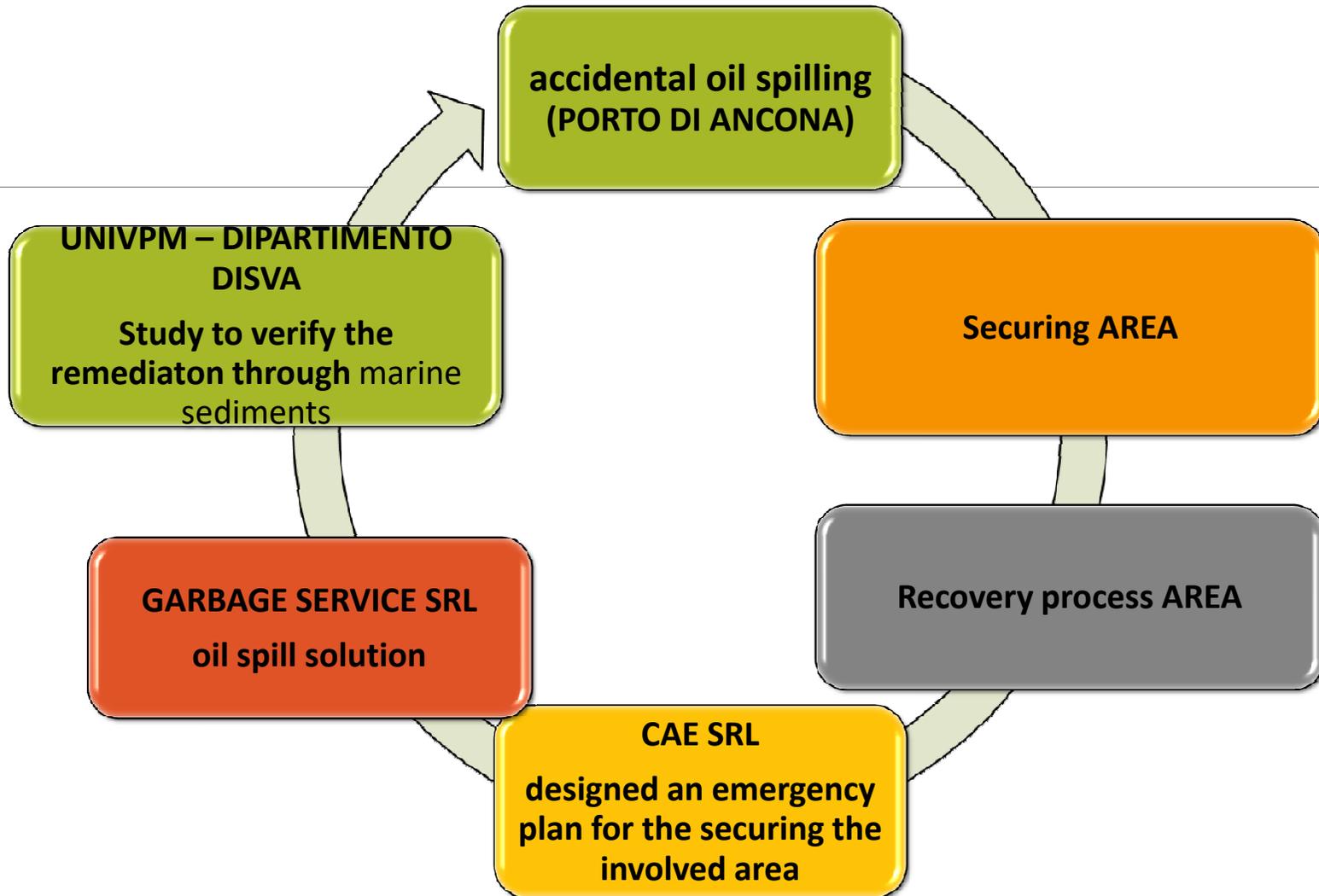
The securing activities of the involved area were designed and developed by

CAE S.r.l.

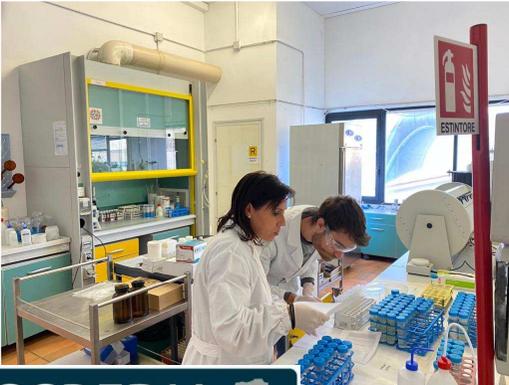
Garbage Service S.r.l.

Università Politecnica delle Marche
Dipartimento DISVA

SECURING TEAM



CAE S.r.l.



ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO



P.ch Stefano Virgulti



CAE S.r.l.



The technical activities and the relationship with the Port Authority and the press were managed by CAE SRL.

In very short time, our TEAM designed an emergency plan for the securing the involved area, that was immediatly accepted by the Port Authority.

Our analytical Lab collaborated with the technical interventation by continuous analytical support, evaluating the remediation results.

Managing the relationship with the press allowed to control diffusion of the panic of the public audience.



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- The spilled oil was confined in a restricted area by using skimmers, oil booms, pumps , power packs , workboats , storage .



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- The oil was collected by anti-pollution boat Pelikan and sent to a waste treatment plant. .



Garbage Service S.r.l.

- The great job of the scuba diver TEAM allowed the remediation of the involved docks.



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The researchers compared the environmental conditions between the area involved in the event and an area close to, but not involved to try to understand the negative effect of the spilling.

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The study interested both marine sediments and mussels collected in a pristine area and transplanted in the polluted site.



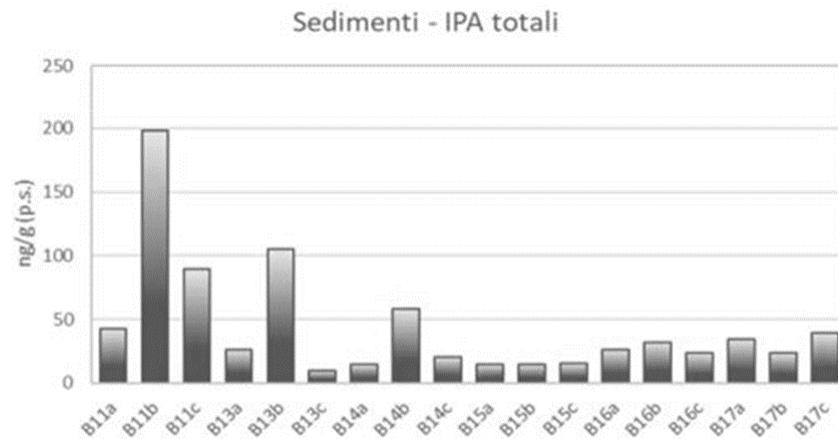
Mitili trapiantati



Mitili naturali

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Marine sediments were characterized by ecotoxicological aspects and chemical pollution



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The study was 18 months long up to a complete environmental remediation of the interested area.



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THANK YOU