

Mari e Oceani sono l'Io narrante, protagonista del Blue Theater, per condividere la consapevolezza del complesso mosaico di interazioni tra risorse, progetti, opportunità e rischi con cui dovremo confrontarci.

Negli ultimi 150 anni il portato di innovazioni, tecnologie e connessioni si è intensificato e diversificato in superficie, in profondità e nell'esteso confine osmotico tra gli oceani e la terraferma. Dalle rotte di superficie (trasporti, crociere, pesca e diporto) la discesa nel profondo Blue ha costruito milioni di chilometri di cavidotti intercontinentali (vi transita il 97% del traffico di dati), elettrodotti, gasdotti e oleodotti.

Dal fondo marino si estraggono materie prime, materia rara, petrolio, gas; lo incrociano sottomarini, robot e flotte di droni dotati di autonoma intelligenza operativa. Ingegnerie estreme controllano lo "stato di salute" dell'Oceano, ne indagano vita misteri e cambiamenti, accrescono e proteggono la ridondanza geo-strategica delle nostre infrastrutture sottomarine.

Più in là, in un imprecisato domani, si collocano le architetture visionarie di città galleggianti e sottomarine in simbiosi con l'Oceano e le sue risorse. Lungo le coste approdano le ricchezze del mare – dalla pesca all'energia di venti e maree – insieme alle conseguenze di collisioni e disastri (p.e. Deep Water Horizon nel 2010, Huntington Beach nel 2021, il gasdotto Nord Stream 2023). Complici loro malgrado della "discarica oceanica" (plastiche, veleni, salamoia e reti da pesca) le coste sono anche l'avamposto di raccolta e riciclaggio "environmentally correct" di parte dei rifiuti.



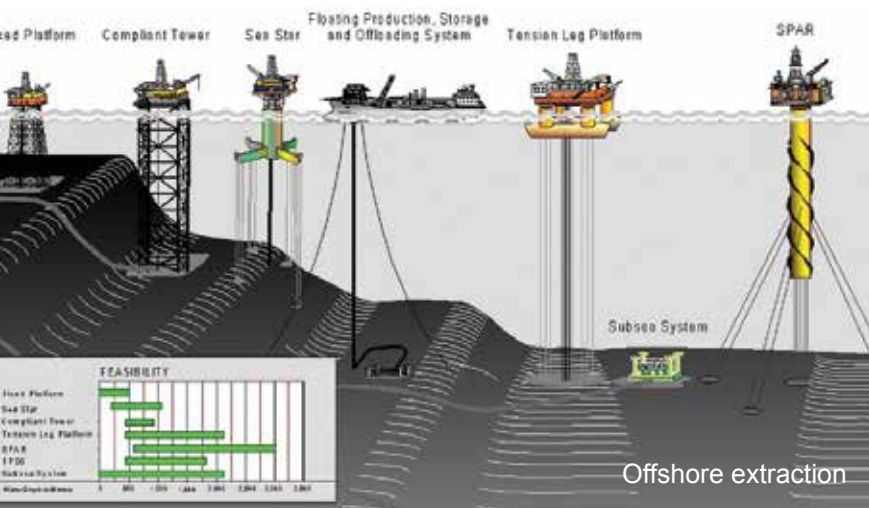
Lanterna, Genova:  
the oldest and tallest  
light-house in EU



Thridarangar,  
the most isolated light-house,  
Vestman Island (Iceland)

# Blue Theater

**Maurizio Morgantini, Claudia Donà**



Le coste sono il palcoscenico dei progetti e delle innovazioni della cantieristica nautica – civile militare, sportiva e da diporto – e dell'urgente metamorfosi della logistica terra-acqua attraverso il ridisegno di porti, navi e container, oggi impattanti, energivori e desueti.

Le coste compongono un MetaTerritorio transcontinentale, abitato da oltre 600 milioni di persone (più di 1 miliardo nell'immediato entroterra) concentrate in "città della frontiera fluida". Diverse per contesto geoclimatico, dimensione, età, lingua e cultura, tutte insieme condividono lo stesso patrimonio di genesi e di vocazioni marinare: una comunanza di caratteri, di ruoli, di sfide e di responsabilità "localizzate" che potrà indicare nuove opzioni sui futuri della Città contemporanea, al bivio epocale tra efficientismo ipertelico e rilancio della Polis, tra il solo consumo di risorse e la produzione di nuove economie e ricchezze.

La Pure City Alliance, ideata da Diotima Society e promossa con imprese e istituzioni internazionali, è una strategia di connessione tra le Seaside Towns per creare una coesa rete planetaria di "città pensanti, trasparenti, colte e attrattive": un potenziale iper-Stato delle Pure Cities dove riscrivere le leggi del mare con il Mare, creare una nuova finanza del Progetto, sviluppare meta-imprese e inedite tecnologie, privilegiare la vita in tutte le sue forme, non solo antropocentriche.

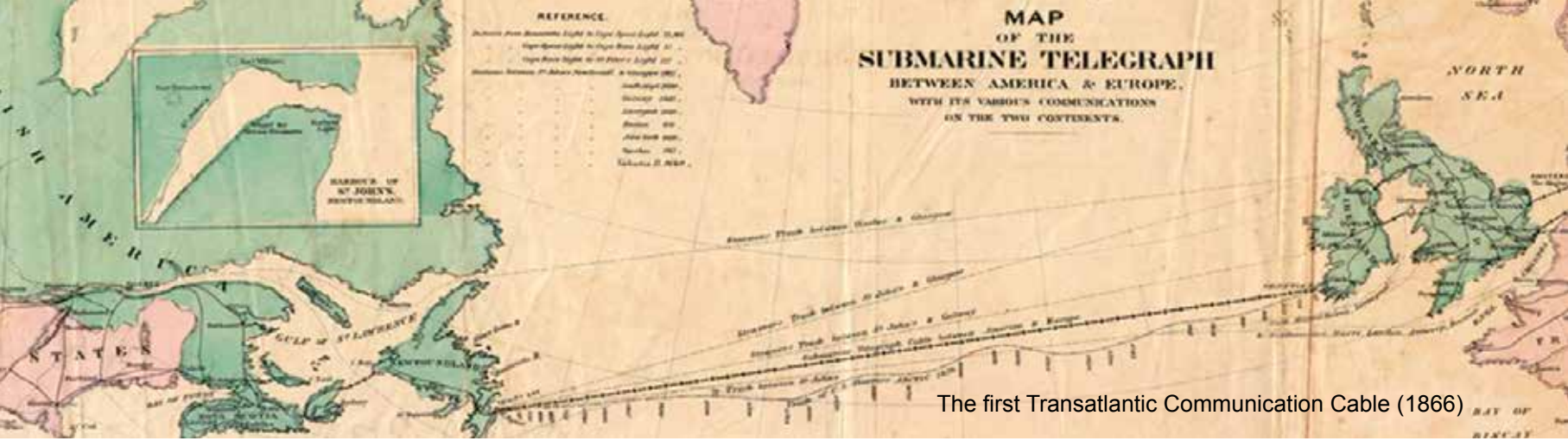
E "il Mare porterà a ogni uomo nuove speranze come il sonno porta i sogni" (Cristoforo Colombo).



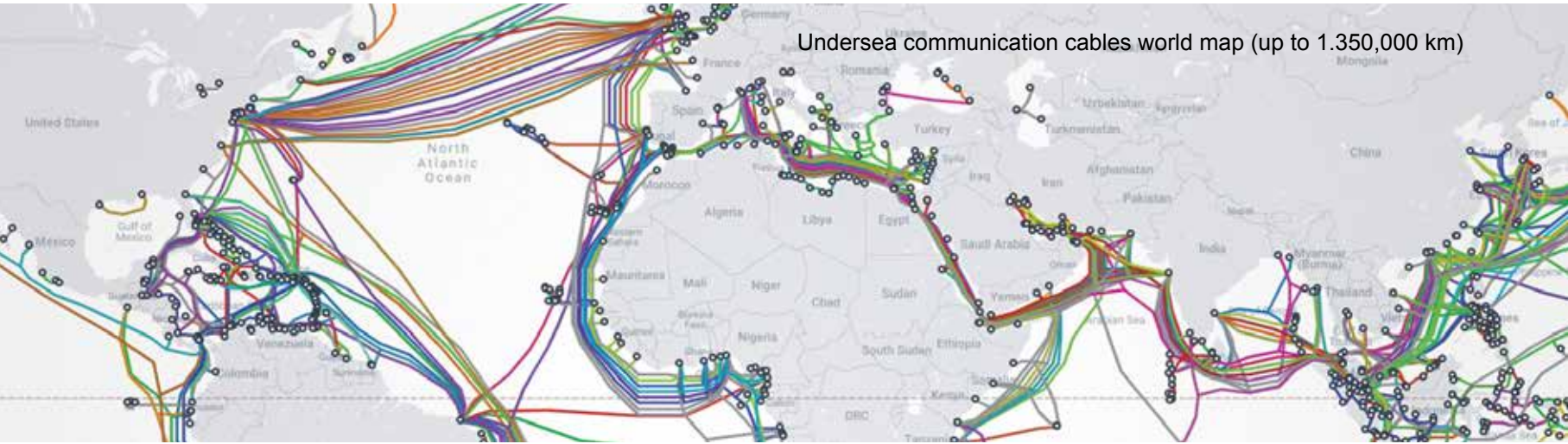
Major routes for merchant shipping  
5,000 Containers Ships underway 7 days a week

## PROJECT by DIOTIMA Society & TTI





The first Transatlantic Communication Cable (1866)



# Blue Theater



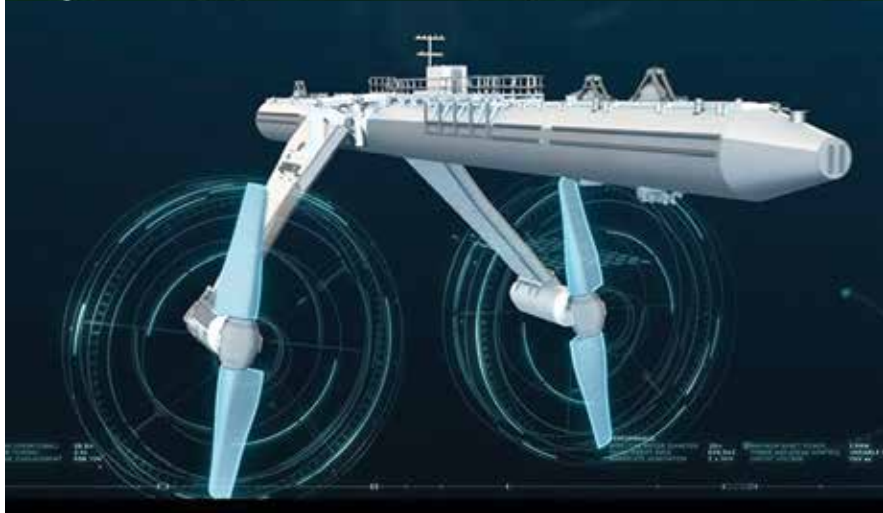
Les mers et les océans sont le “moi” narrateur, protagoniste du Blue Theater, pour partager la conscience de la mosaïque d’interactions complexes qui existe entre ressources, projets, opportunités et risques auxquels nous devons faire face.

Au cours des 150 dernières années, l’éventail des innovations, des technologies et des connexions s’est intensifié et diversifié à la surface, dans les profondeurs et dans le vaste espace osmotique qui sépare les océans de la terre ferme. À partir des voies de surface (transports, croisières, pêche et plaisance), la descente dans le grand bleu a construit des millions de kilomètres de pipelines intercontinentaux (97 % du trafic de données y transitent), d’oléoducs et de gazoducs. Des matières premières, des matières rares, du pétrole et du gaz sont extraits des fonds marins et des sous-marins, des robots et des flottes de drones dotés d’une intelligence opérationnelle autonome les traversent. Des techniques d’ingénierie très avancées surveillent l’“état de santé” de l’océan, étudie sa vie, ses mystères et ses changements, améliore et protège la redondance géostratégique de nos infrastructures sous-marines.

Plus loin, dans un futur indéterminé, se profilent les architectures visionnaires de villes flottantes et sous-marines en symbiose avec l’océan et ses ressources. Les richesses de la mer – de la pêche à l’énergie des vents et des marées – accostent le long des côtes, en même temps que les conséquences des collisions et des catastrophes (par exemple Deep Water Horizon en 2010, Huntington Beach en 2021, le gazoduc Nord Stream en 2023). Complices involontaires des “décharges océaniques” (matières plastiques, substances toxiques, saumures, filets, etc.) les côtes sont aussi l’avant-poste de la collecte



Tidal Turbine  
(Orbital 02)



AUV autonomous underwater vehicle (SONSUB, SAIPEM)

et du recyclage “*environmentally correct*” d’une partie des déchets. Les côtes sont le théâtre des projets et des innovations de l’industrie nautique – civile, militaire, sportive et de plaisance – et de l’urgente métamorphose de la logistique terre-eau à travers une reconsidération des ports, des navires et des conteneurs qui sont aujourd’hui polluants, énergivores et obsolètes.

Les côtes constituent un méta-territoire transcontinental peuplé de plus de 600 millions d’habitants (plus d’un milliard dans l’arrière-pays immédiat) concentrés dans des “villes frontalières fluides”. Différentes en termes de contexte géo-climatique, de taille, d’âge, de langue et de culture, elles partagent toutes le même héritage de genèse et de vocations maritimes : une communion de caractères, de rôles, de défis et de responsabilités “localisées” qui pourra indiquer de nouvelles options pour le futur de la Ville contemporaine, au carrefour historique entre efficacité hypertélique et relance de la Polis, entre simple consommation de ressources et production de nouvelles économies et richesses.

La *Pure City Alliance* imaginée par la Diotima Society et promue par des entreprises et des organismes internationaux, est une stratégie qui vise à relier les villes de bord de mer afin de créer un réseau planétaire de “villes pensantes, transparentes, cultivées et attrayantes” : un potentiel hyper-état de *Pure Cities* où réécrire les lois de la mer avec la Mer, créer une nouvelle finance conceptuelle, développer des méta-entreprises et des technologies inédites, et privilégier la vie sous toutes ses formes, et pas seulement anthropocentrique.

“...Et la mer apportera à chaque homme des raisons d’espérer; comme le sommeil apporte son cortège de rêves !”(Christophe Colomb).

Seas and Oceans are the first-person narrator of Blue Theater to spread awareness of the complex mosaic of interactions between resources, projects, opportunities and risks that will be confronting us.

Over the past 150 years, the scope of innovations, technologies and connections has intensified and diversified at the surface, down in the depths and right across the vast osmotic boundary between the oceans and the land. From surface routes (transportation, cruising, fishing and recreation) the descent down into the deep Blue has resulted in the construction of millions of kilometres of intercontinental pipelines (97 percent of data traffic transits there), power, gas and oil pipelines.

Raw materials, rare matter, oil and gas are all extracted from the seabed; submarines, robots and fleets of drones with autonomous operational intelligence travel over it. Extreme engineering monitors the “health” of the Ocean, investigating its mysterious life forms and changes, enhancing and protecting over redundant geo-strategic mass of underwater infrastructure.

Further afield, in some unspecified time ahead, lie the visionary architectures of floating and underwater cities in symbiosis with the Ocean and its resources.

Along the coasts we gather the riches of the sea – from fishing to energy from the winds and seas – along with the consequences of collisions and disasters (e.g., Deep Water Horizon in 2010, Huntington Beach in 2021, the Nord Stream pipeline 2023). Accomplices despite themselves in “ocean dumping” (plastics, poisons, brine, and fishing nets), coastlines are also the outpost of the



## Blue Theater

“environmentally correct” collection and recycling of some of this waste. Coasts are the stage for nautical shipbuilding projects and innovations – civilian, military, sport and recreational - and for the urgent metamorphosis of land-water logistics through the redesign of ports, ships and containers, which are now so impactful, energy-intensive and obsolete.

The coasts form a transcontinental MetaTerritory inhabited by over 600 million people (more than 1 billion in the immediate hinterland) concentrated in “cities on the fluid frontier.” Different in geoclimatic context, size, age, language and culture, they all share the same heritage of maritime genesis and vocations: a melting pot of characters, roles, challenges and “localized” responsibilities that may point to new options for the future of our modern-day cities at the epochal crossroads between hypertelic efficiency-ism and the revitalization of the Polis, between the mere consumption of resources and the creation of new economies and wealth.

Pure City Alliance, devised by Diotima Society and promoted in partnership with international businesses and institutions, is a strategy for connecting Seaside Towns to create a cohesive planetary network of “thinking, transparent, educated and attractive cities”: a potential hyper-state of Pure Cities where the laws of the sea could be rewritten in conjunction with the Sea, creating a new Project finance, developing meta-businesses and novel technologies, and privileging life in all its forms, not just anthropocentric. And “the Sea will bring new hopes to every man as sleep brings dreams” (Christopher Columbus).

Desalination Plant (16,000 all over the world, producing everyday 95 millions tons of drinking water and 150 millions of brine)



Deep Water Horizon, 2010



