Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
375	**India -** Navayuga 2018 – Compliance Certificate – Naval harbour facility near Visakhapatnam - Compliance Certificate for ACCROPODE™ II armouring	ACC.	5 / 8 / 14 / 18	2021	17
374	**Reunion** - Nouvelle Route du Littoral – Lot MT5.2 Compliance Certificate for ACCROPODE™ II armouring.	ACC II	8	2021	11
373	**U.A.E. -** Khalifa Rail Port expansion – Abu Dhabi Ports is developing a rail facility within Khalifa Port that will be linked to the National rail network. The development of the offshore rail Terminal will create a reclamation platform seaward of the existing North Revetment. This reclamation platform will be protected by a breakwater using 1.5 m3 and 2.2 m3 ACCROPODE™ II blocks.	ACC	1.5 / 2.2	2021	6
372	**Hong-Kong, China –** Hong-Kong International Airport 3 runway system Compliance Certificate Compliance Certificate for ACCROPODE™ armouring.	ACC	2	2021	0.8
371	**Romania –** Black Sea coastal – The “Administratia Bazinala de apa dobrogea litoral” has awarded the contract for the protection and rehabilitation of stavilare seaside in the romanian Black Sea coast in the pentock area Edighiol & Periboina, in Romania. The project invloves the construction of a breakwater which armour is protected by of 1.0 m^3 ACCROPODE™ II blocks. the estimated number of units required for the construction of the project is around 620 units.	ACC II	1	2021	-
370	**Reunion** - Nouvelle Route du Littoral – Lot MT5.2 – Technical Assistance.	ACC II	8	2020	8
369	**Tunisia –** Mahdia Fishing Port – Expansion of the fishing Port of Mahdia which includes the extension of the main breakwater protected by ACCROPODE ™ blocks.	ACC	2.0 / 3.0	2020	6.0
368	**France – Corsica –** Bastia vieux Port seafront road Rehabilitation works of the old port of Bastia and the seafront road. 2 000 ACCROPODE™ II units of 6.0 m^3 and 9.0 m^3 will be used to rebuild the single-layer armour of the breakwater structures of the “Môle Génois” and the “Jetée du dragon”. ECOPODE™ blocks will be used to protect the “Môle Génois” in order to study the impact of the ECOPODE™ on the development of biodiversity.	ACC II & ECO	6 / 9	2020	variable
367	**Egypt –** Marassi outer Marina – The Marassi outer marina project is situated in Sidi Abel Rahman Resort Community, Mediterranean North Coast. The construction of the structure will involve the manufacturing and placing of CORE-LOC™ units. The works include the construction of the main breakwater of 920 m. long and the construction of a second breakwater of 240 m. long; both protected by 1.0 m^3 CORE-LOC™ units.	CL	1	2020	9

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
366	**U.A.E.** Dibba bulk Terminal – The Port of Fujairah has awarded the contract for the project of the construction of the structure that will involve the manufacturing and placing of ACCROPODE™ II and ACCROBERM™ units. Construction works include the extension of the main breakwater over a length of 315 m. It also include the construction of a reclamation area gained on the sea and protected at the tip by ACCROPODE™ II blocks.	ACC II & ACCB	3	2020	10
365	**Tunisia –** Korbous – Construction works of the regional coastal road "RR128 Aïn Oktor-Korbous" which also include a protection of exposed areas against the waves. These exposed areas will be protected by ACCROPODE™ blocks.	ACC	2.5 / 5.0	2020	5.5
364	**Cape Verde –** Porto Inglès offshore breakwater – This project involves the construction of an offshore breakwater on Cabo Verde Maio Island. ACCROPODE™ II blocks will be manufactured and placed on both roundheads. The number of blocks required for the construction of the project is approximately 650 units of 6.0 m^3 for an estimated concrete volume of 3 900 m^3.	ACC II	6	2020	9
363	**Hong-Kong, China –** Hong-Kong International Airport 3 runway system – The Hong-Kong Airport Authorities have decided to expand Hong-Kong Airport facilities. The 3rd new runway is built on reclaimed land on the island of Chek Lap Kok. The protection of this new reclaimed area will require 38 000 2.0 m3 ACCROPODE™ units, to be fabricated and placed along the nearly 8 km long reclamation land protection.	ACC	2	2021	0.8
362	**Oman –** Darsait & Aint Sheltered fish landing centre – The Ministry of Agriculture and fisheries has ordered the construction and Development of a sheltered fish landing centre at Darsait & Aint at Muttrah, Oman. The fabrication and placement of 5 330 3m^3 CORE-LOC™ units along the breakwater of this fishing port will enable its protection.	CL	3	2020	2.5
361	**Malaysia -** Kuantan III - Compliance Certificate – Compliance Certificate for the armour layer of the new deep water terminal breakwater at Kuantan Pahang Malaysia for package 1A (breakwater section from Ch3600 to CH4600).	ACC II	4 / 5	2019	12
360	**France Reunion Island -** Port of Sainte Marie – Extension of the main breakwater for the Port of Sainte Marie, both a fishing port and marina. The protection of the breakwater was built with ACCROPODE™ II blocks of size 6m^3.	ACC II	6	2019	6
359	**France –** Extension of the maritime Port of Port-La-Nouvelle Extension of the already existing breakwater with more than 126 000 m3 of ACCROPODE™ II blocks sizes from 2 to 14.0 m3. The works also include the use of the armour toe system ACCROBERM™ and the use of ECOPODE™ blocks to develop biodiversity.	ACC II	2 / 4 / 5 / 9 / 14	2019	12

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
358	**Lebanon –** Port Bouar – Rehabilitation project of the main breakwater of Bouar Port. 489 ACCROPODE™ units of 9 m3 have been placed for this purpose.	ACC	9	2019	
357	**U.A.E. –** Extension of 900MW combined cycle power plant of Layyah Removal and placing of new CORE-LOC™ units on the extension of the power plant. The extensions is made with dredged material and protected by natural rocks and artificial CORE-LOC™ armour units.	CL	2 / 3	2019	8
356	**Algeria –** Extension of protection structures of the GNL Port of Skikda Extension of the protective marine structures for the LNG Port of Skikda. The protection consists in executing a new secondary breakwater stabilised with ACCROPODE™ II blocks of 3.0 m^3 and 10.0 m^3 and an extension of the main breakwater built with ACCROPODE™II blocks of 16.0 m^3 and 20.0 m^3 .	ACC II	3 / 10 / 16 20	2019	17
355	**Tunisia –** Development project at Kalaat Landalous fishing shelter. Among the activities of the project, the construction of two breakwaters built with ACCROPODE™ blocks to put an end to the sedimentation phenomenon inside the port.	ACC	1 / 1.5	2019	4
354	**France –** Archipelago of St Pierre et Miquelon **–** Rehabilitation works for breakwaters of the Saint-Pierre Port – Rehabilitation of the breakwaters of the Saint Pierre Port. In the framework of this project, the construction company will make ACCROPODE™ II blocks of size 3.0 m3 to be placed on the structure.	ACC II	3	2019	-
353	**France -** Reconstruction and strengthening of the Laubeuf breakwater and the off-shore breakwater of the **Cannes Port** Départemental – Three phases rehabilitation with more than 4000 ACCROPODE™ II blocks of size 4.0 m3 in order to protect an inland lake and reduce the impact of storms and strong winds by limiting marine submersions which cause damages to port facilities and can become a major risk for individuals.	ACC II	4	2019	7
352	**Ghana –** Tema LNG – New LNG terminal at TEMA Port. Breakwater of 800 m protected by 8500 ACCROPODE™ II units of 2.0 m^3 .	ACC II	2	2019	16
351	**Morocco –** Foum El Oued – Coastline protection of 400 meters long stabilized with ACCROPODE™II blocks against the bad sea conditions.	ACC II	1	2019	-

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
350	**France –**International Yacht Club of Bormes-Les-Mimosas Rehabilitation of the breakwater of the Bormes-les-Mimosas Marina to limit overtopping. More than 1600 ECOPODE™ blocks and 1100 ACCROPODE™ II blocks were fabricated to offer an optimum security level and reduce barriers to the exploitation by significantly limiting overtopping.	ACC II & ECO	4 / 6	2019	6.5
349	**Morocco –** Ifri Ifounassene fishing Harbour – Construction of the new fishing harbour in the Ifri Ifounassene region located 6km East of Nador West Med. The port is protected by two breakwaters built with ACCROPODE ™ II blocks of size 4.0 m^3.	ACC II	4	2019	6.6
348	**E.A.U –** Coastal protection works at Das Island – The northwest part of a new flare extension north of Das Island, is now protected by 5 m^3 CORE-LOC™ units. A total of 635 units have been placed.	CL	5	2019	8.5
347	**Tunisia –** Aiguilles de Tabarka Reinforcement work on the groyne at the Aiguilles de Tabarka site. The work consists to rebuild the previous groyne using ACCROPODE™ blocs for protection instead of concrete BCR blocs.	ACC	2 / 4	2019	4
346	**India –** Udangudi captive coal jetty – Tamil Nadu - construction of the Udangudi captive coal jetty. Near to 6 000 ACCROPODE™ II units sized 4.0 m^3 will be cast in the next months and placed over the jetty.	ACC II	4	2018	9.7
345	**Egypt –** East Port Said SWRO	CL	2	2018	-
344	**India -** Chhatrapathi Shivaji Maharaj Memorial – Construction of a 212 m high equestrian statue of Shivaji Maharaj on a reclaimed island in the Arabian Sea in the Back Bay area of Mumbai. The peripheral bund of the reclaimed island and two appended breakwaters will be protected with 22 000 ACCROPODE™ units.	ACC	1 / 1.5	2018	3.3 / 4.7
343	**India** - Swan LNG Port Terminal – Jafrabad – Gujarat state. Given the importance of the structure, the harbour is protected by a 2.2 km long main breakwater protected with ACCROPODE™ II blocks. The number of blocks to be placed is 15 000 blocks.	ACC II	6 / 10 / 12	2018	-18
342	**Kuwait** - Funaitis Marina - The project is located in the Funaitis Club in Kuwait City. The new marina will house around 125 yachts of different sizes. The port is protected by a 760 meter long breakwater protected with 7 000 ACCROPODE™ II blocks.	ACCII	1	2018	-7

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
341	**India -** Navayuga 2018 (Varsha) - The Indian Navy intends to develop a naval harbour facility near Visakhapatnam. The intended development consists of two breakwaters structures, a 200 m wide approach channel and turning circles of 400 m and 500 m diameter, dredged to a depth of -16m CD and a berthing facility in the Sharada River. The two breakwaters structures will be protected with ACCROPODE™ units from 5 to 18m3 for a total volume of more than 300 000m3. One of these structures was integrated in the submarine part of the rock mountain thanks to a massive particular trench, this concept was developed in collaboration with CLI.	ACC	5 / 8 / 14 / 18	2018	
340	**UAE -** Khalifa II	ACC		2018	
339	**Malaysia -** New deep water terminal at Kuantan – remaining works for the breakwater (ch 00 to ch 3600) Bauxite ore import port. Breakwater cover on port side and lee side with ACCROPODE™ II armour units. The port is located in Kuantan city. The breakwater is 4.6km long.	ACC II	2 / 4	2018	-14
338	**Lebanon -** Ghadir extension	ACC		2018	
337	**Tunisia –** Teboulba Fishing Port The works are located 25 km South of Monastir. The port is protected by two breakwaters (MB -1200 meters and SB-220 meters) protected by 9 000 ACCROPODE™ blocks.	ACC	1	2018	-3.5
336	**Lebanon** – Eastern Marina – SOLIDERE	ACC		2018	
335	**Oman -** Upgrading of Sohar Port Breakwaters – Large multipurpose port on the main shipping road. CORE-LOC™ technology is applied on the sea side. The upgrading of the Port was undertaken with around 1000 CORE-LOC™ units placed. Port location is Sohar City.	CL	1.6 / 3	2017	0
334	**India -** Gopalpur	ACC II	8 / 10	2017	
333	**Lebanon -** Jounieh Cruise port Phase I – Construction of a new Cruise port and a tourism development area. The main breakwater amour is protected by 3 693 ACCROPODE™ II units.	ACC II	6 / 9 / 16	2017	16
332	**Oman** – Duqm Fishery Harbour. Part of the outstanding Duqm development project. The port is located in Duqm. The main breakwater is 2.1 km long and the secondary breakwater is 1.1 km long.	CL	1 / 2 / 3 5 / 6	2017	-9

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
331	**India** – Chhara Port Project - It is a multi cargo port District of Gujarat. The development includes the construction of a 4.15 km long island breakwater protected with ACCROPODE™ II units. The estimated number of ACCROPODE™ II units to be placed on this project is 40 000 units.	ACC II	8 / 16	2017	-9
330	**Kuwait** – Doha Desalination plant – The project is located north of Kuwait City and includes the construction of a reverse osmosis (RO) seawater desalination plant. At the sea side, it was decided to use CORE-LOC ™ blocks as a solution to protect the project against the wave's attack.	CL	1	2017	0.57
329	**Morocco** – Dkhila – Dkhila Bay – Project fishing port in Dkhila Bay located about 700 km south of Layoune in the Sahara. The port is protected by a dike stabilized by ACCROPODE™ II blocks.	ACC II	1	2017	-4.5
328	**Morocco –** Rabat Maritime protection of the coastal road Project. It consisted in protecting the road along the Cliff-face exposed to the wave with ACCROPODE™ blocks.	ACC II	8	2017	-3.5
327	**Kuwait –** Al-Zour LNG Import Terminal – 2.5km long protection with CORE-LOC™ blocks, of a reclamation area hosting eight LNG tanks. The LNG supplies from the facility will feed the power plants in Kuwait, enabling them to generate enough electricity to meet the energy demand during peak times.	CL	1 2	2018	8
326	**Malaysia -** Kuantan II Compliance Certificate – Certification of the armour layer of the new deep water terminal breakwater at Kuantan Pahang Malaysia for package 1A (breakwater section from Ch3600 to CH4600).	ACC II	4 / 5	2017	12
325	**India –** Vizhinjam - Vizhinjam International Seaport is developing a deep-water multipurpose seaport 16 km from Thiruvannanthapuram. The port includes a breakwater protected with ACCROPODE™II.	ACC II	4 / 5 / 6	2017	20.5
324	**Bahrein** - Bahrein LNG Import – Offshore breakwater of around 500m in length laying on a quasi-flat seabed at -16.6m and rising at +8.80m CD using 3.0m3 ACCROPODE™ II units.	ACC II	3	2017	16.6
323	**Lebanon –** St Bourj Hammoud and Jdaideh Sanitary Landfills – Shore protection of two sanitary landfills for the waste storage.	ACC	12 / 16	2017	12
322	**Qatar** - Halul Island – The project consists in the coastal protection of Halul Island. Sea defense for an Oil & Gas island. The project includes 150m long and 180 m long stretches of the shore protected by CORE-LOC™ armour units.	CL	2.4	2017	4.3

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
321	**Morocco** – Nador West Med – Protection with the ACCROPODE™ II single-layer technique of the leg between the shore and the main caisson breakwater and similarly of the lee breakwater of the NWM Port situated in Betoya Bay. 20 km West of Nador.	ACC II	4 / 6.4 / 10	2017	20
320	**Lebanon** - Adloun fishery harbour Phase II – Second phase of the new fishery harbour of Adloun.	ACC	16	2017	12
319	**Scotland** – Aberdeen Port – Protection with the ACCROPODE™ II technique of the two outer breakwaters in Nigg Bay for the construction of Aberdeen's New Port. South of the current port	ACC II	8 / 12 / 16	2017	22
318	**Morocco** - Lamhiriz Fishing Harbour – The fishing port of Lamhiriz located in Dakhla aims at developing and improving the work conditions of the fishermen. The port is protected by a breakwater protected with ACCROPODE ™ blocks.	ACC II	1	2016	3.8
317	**Lebanon** – Dbaiyeh Highway – Coastal protection for the rehabilitation of the highway. Rehabilitation of Dbaiyeh highway to the north of Beirut in Lebanon. This project involves the use of ACCROPODE™ Technology for a 1.4km long shore protection.	ACC	6.3 / 9 / 12 / 18	2016	5
316	**Pakistan** – New Offshore coal import jetty for coal-fired power plant – HUB. The aim of the New offshore coal import jetty Project is to develop the power up to 1320 MW Coal fired power. The offshore part of the project is protected by a breakwater protected with CORE-LOC™ blocks.	CL	2.9 / 4.6 / 6.5 / 7.9	2017	7.0
315	**Ghana** –Tema New Port and Container Terminal - The project is the construction of a 3.6 km long breakwater for the new port and container terminal at Tema in Ghana. The most exposed parts of the breakwater will be protected by ACCROPODE™ II units.	ACC II	2	2016	17
314	**Portugal** – Azores – Protection and stabilizing works of the Barra Coastal Zone of Graciosa island.	ACC II	3 / 4	2016	7
313	**Lebanon** Construction & Operation of Ghadir Sanitary Landfill (Costa Brava) – Shore protection for Ghadir sanitary landfill site.	ACC	9	2016	6
312	**Tunisia** – Ben Ghayada – Works of the water accessibility for Ben Ghayada plan -. The accessibility to the port from the sea is realized thanks to the channel protected by two breakwaters protected with blocks ACCROPODE™.	ACC	0.8 / 1.5 / 3	2016	4

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
311	**Morocco** - Tangier Med II - Secondary Breakwater Extension - The purpose of the secondary breakwater extension is to reduce the agitation inside the harbour caused by swells coming from the north-east of the port. This extension is protected by blocks ACCROPODE ™.	ACC	4	2016	25
310	**Lebanon** – Adloun Phase 1 – First phase for the new fishery harbour of Adloun.	ACC	16	2016	7
309	**Malaysia** – New Deep Water Terminal at Kuantan port. Pahang Package 1A – CH 3600 to CH 4627 – The project consists of construction of the last kilometre of the 4,6km breakwater of the new deep water terminal at Kuantan. The new deep water terminal at Kuantan Phase 1, is built with a basin depth of 16 meters, 400 meters berth and 20 hectares of cargo yard adjacent to it to accommodate conventional ships and cargoes.	ACC II	4 / 5	2016	12
308	**Kuwait** – Al Zour New Refinery Package # 5 – The project is located in the south of Kuwait next to MEW Power Plant. Mina Al-Zour. Kuwait. The project consists in the construction of rubble mound breakwater and sea defence for a small boat harbour and a land reclamation area that are part of the larger Al Zour New Refinery project	CL	1	2016	6
307	**Ivory Coast –** Vridi - Expansion of Port d' Abidjan. Modification of the Vridi Channel entrance groynes. Groynes covered on both sides with CORE-LOC™ units. The main groyne is 350 m long and the secondary groyne is 130m long.	CL	3.9 / 6.2	2016 - 2017	-13
306	**Hong-Kong -** Hong Kong Boundary Crossing Facilities – Protection of the most exposed part of the reclamation work from the HKBCF island. 1550 m protected with artificial blocks. This 130ha reclamation facility is to accommodate a large hub connecting Hong-Kong. Hong-Kong airport and mainland China.	ACC	0.8	2016	6
305	**India** – Thengapattinam Phase III – Fishing Harbour The project consists in expanding and modernizing the existing fishing harbor. The project is protected with two breakwaters protected with CORE-LOC™ blocks laying on a seabed at -7.5 m and rising at +4 m on the crest.	CL	2 / 3 / 3.9 / 5	2015	7.5
304	**Oman** – Nabur Liwa - Fishing Port – Located 220km north of Muscat composed of two breakwaters protected with CORE-LOC™ artificial blocks. The main breakwater. 865m long is laying on a seabed at -4.4m and rising at +7 m on the crest. The lee breakwater. 658m long is laying on a seabed at -3.0 m and rising at +7 m on the crest.	CL	1 / 1.3 / 1.5	2015	4.4
303	**Iraq** – Al Faw Grand Port – The Al Faw Grand Port is located in the south of Iraq in Basrah and is the only access to the sea for Iraq. The Project consists in the construction of 15.8 km of breakwaters with three (3) roundheads. Part of the length is protected with CORE-LOC™ units.	CL	1.4 /3	2015	8

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
302	**Cape Verde** – Palmeira Phase II – The new port of Palmeira is located on Sal Island in Cape Verde country and is located at the immediate vicinity of the existing Palmeira port on the western coast of the Island	ACC II	4 / 6 /10	2015	18
301	**E.A.U** – Das Island – West Platform Reclamation	CL	5.0	2015	6
300	**Oman** – Mussanah Fishing Harbour – Fishing Port located at 100km north of Muscat composed of two breakwaters protected with CORE-LOC™ artificial blocks. The main breakwater. 854m long is laying on a seabed at -3.7m and rising at +6.80m on the crest. The lee breakwater. 773m long is laying on a seabed at -3 m and rising at +6.80 m on the crest.	CL	1 / 1.4 / 1.5	2015	3.7
299	**Bulgaria -** Pomorie Fishing port – Protection of the new fishing port at Pomorie on the Black sea. The breakwater stretch is 350 m long and protected with artificial blocks.	ACC	2 / 3	2015	6
298	**Cape Verde** - Llana Beach Rehabilitation – Protection of two 150 m long groynes hosting a reclaimed sand beach.	ACC	2	2015	5
297	**Romania** - Eforie North Area And Tomis South Area – Protection and rehabilitation of the Southern Port of Romanian Black Sea coast – Reconstruction of several groynes located at Tomis South and Eforie North on the coast of the Black sea at Constanta.	ACC II	1	2015	4
296	**Tunisia**. Sousse STEG Centrale - Oued Hamdoun – Offshore breakwater laying on a quasi-flat improved seabed at -3 m and rising at +3 m using ACCROPODE™ units.	ACC	0.8 / 1	2015	3
295	**Morocco –** New power station at Safi – Construction of three maritime structure as a rubble mound breakwater to protect intake and outfall cooling water system protected by single layer ACCROPODE™ II units.	ACC II	6 / 12 / 20	2015	10
294	**Saudi Arabia -** Shuqaiq Thermal Power Plant – This project is one of the largest scale power plant construction in that area. The offshore part of the project was protected by the CORE-LOC™ blocks from a level -6 m at the toe line up to + 5.80 on the crest.	CL	1.5 / 2.5	2014	6
293	**Saudi Arabia -** Yanbu Power and Desalinisation plant phase III – The offshore part of the project included executing the Causeway and Outfall channels both protected with ACCROPODE™ blocks. The lower level of the ACCROPODE™ structure is located at -11 m and highest at + 6.25 m on the crest.	ACC	1.5	2014	2

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
292	**Bulgaria -** Chernomoretz Fishing Harbour – The port is located 20km South-East of Burgas facing the Black sea. The length of the breakwater is 300 m long and the maximum depth is -9.3 m.	ACC	2 / 3	2014	5
291	**UAE -** Fujairah NB Expansion – The project consists of the extension of the main breakwater of the Naval base located 15km North of Fujairah city. The length of the extension is 360.0.0m long and the seabed depth variable from -12 m to -14 m.	CL	3 / 5	2014	8
290	**Reunion** - Nouvelle Route du Littoral - « La Possession Motorway Junction » Lot MT5.1 – Building of a 12km long off shore dual carriage way between Le Port and Saint Denis. The road is supported along 6km by a breakwater protected with ACCROPODE™ II units. The Lot 5.1 consists in building the protections located in la Possession and in la Grande Chaloupe.	ACC II	6 / 8 / 11	2015	12
289	**Lebanon** – Saida Port	ACC	16	2014	-
288	**Tunisia –** Gabès Fishing Harbour – The project is protected with offshore breakwater of 900 m long protected with ACCROPODE™ blocks laying on a seabed at -7.0 m rising up to +3.40 m on the crest.	ACC	1.5 / 2.5	2015	7
287	**Romania** - Constanza Beaches Rehabilitation – Reconstruction of the several groynes located at Tomis North and Tomis Centre on the coast of the Black sea at Constanta.	ACC II	1	2014	4
286	**Reunion** - Nouvelle Route du Littoral – « La Possession Motorway Junction. Lot MT2 – Building of a 12km long of off shore dual carriage way between Le Port and Saint Denis. The road is supported along 6km by a breakwater protected with ACCROPODE™ II units. The Lot 2 consists in building a new off shore round about.	ACC II	6	2015	8
285	**India -** Shell Hazira HTPL – Local repair of shore protection - Hazira (Surat) Port project is situated on the West coast of Indian Gujarat State. about 25 km from Surat city. Rehabilitation of the shoreline by using ACCROPODE™ blocks 2.5 m^3.	ACC	2.5	2014	2.9
284	**UAE –** IGD E1 Das island west platform reclamation - Land reclamation works called west platform made with dredged material and protected by natural and artificial armour layer such CORE-LOC™ units.	CL	5	2015	7
283	**Kuwait-** Az Zour North IWPP (Independent Water and Power Producer) – Construction of a breakwater protection for North IWPP project located 70km south of Kuwait city. The revetment is 700.0.0m long and situated at approximately -3.m deep (variable).	CL	1	2014	4

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
282	**Kuwait -** Police Officers Club & Marina – Construction of a main breakwater of 500.0.0m long and a lee breakwater of 300 m. The maximum depth on roundheads is -5.m.	ACC II	2	2014	5
281	**India -** Jaigarh Bkw Extension – Permanent Port at Dhamankul bay in the state of Ratnagiri (west coast) . 200.0.0m extension of the main breakwater.	ACC	9	2014	9
280	**Uruguay –** Sayago LNG Terminal – Offshore breakwater of around 2000.0.0m in length laying on a quasi-flat improved seabed at -6.0.0m and rising at +8.5.0.0m CD using 3.0.0m^3 ACCROPODE™ II units. This is the first LNG import terminal in Uruguay.	ACC II	3	2013	6
279	**Oman** – Barka Fishery Harbour – Construction of a fishing port. located 65km North-West of Muscat. involving two breakwaters of 800.0.0m long each. The seabed depth is variable from -2.0.0m to -5.0.0m.	CL	1.3 / 1.5	2013	5
278	**India** - Colachel II - Fishery Harbour – Expansion and modernization of the existing fishing harbour. The harbour is protected with two breakwaters protected with CORE-LOC™ blocks of 2.0 ; 2.4; 3.0 and 3.9 m^3.	CL	2 / 2.4 / 3.9 / 5	2013	9
277	**Turkmenistan** – Kiyanli - Petronas Supply Harbour – Protection of two breakwaters. The main breakwater. located on seabed levels of up to -5.8 m. is around 900 meters long. The secondary breakwater. located on seabed levels of up to -6 m. is around 350 meters long. The most exposed sections of the two breakwaters are protected using ACCROPODE™ units 1.0 ; 1.5 and 2.5 m^3 .	ACC	1 / 1.5 / 2.5	2014	6
276	**Colombia** - Cerrejon II - P40 Phase 1 Expansion Project Marine Works and Structures – Building of a 500.0.0m long causeway protected by 2.0.0m^3 and 3.0.0m^3 CORE-LOC™ units on the last 150.0.0m. Built to protect the carbon ship loader installed on the causeway.	CL	2 / 3	2013	3
275	**Benin** – Cotonou – Extension of the Western breakwater for the exploitation of the South wharf at the Port of Cotonou.	ACC II	3 / 4	2013	10
274	**Morocco** – Safi New Port – Building two rubble mound breakwaters for the new polyvalent port of Safi.	ACC II	6 / 12	2013	17
273	**Saudi Arabia** - Jeddah South Thermal Power Plant – Situated on the coast of the red Sea. South Jeddah Thermal Power Plant project is one of the largest scale power plant construction in the Kingdom. The offshore part of the project is protected by the CORE-LOC™ blocks from a level -7.15 m at the toe line raising up to + 4.44 m on the crest.	CL	1 / 2.5	2014	7.15

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
272	**Brazil -** ACU II - Breakwater Armouring – Açu Commercial Port at Sao Jao da Barra. north of Rio do Janeiro – New Port constructed offshore in 14.0.0m waterdepth and protected by caissons and CORE-LOC™ units of 3.9 m^3 and 5.0m^3	CL	3.9 / 5	2013	14
271	**Malaysia** - Kuantan Deep water Port Expansion – 4600.0.0m long breakwater on the Eastern coast of Malaysian Peninsula. This breakwater is to protect the new deep water port developed by the ECERDC for multipurpose use.	ACC II	2 / 4 / 5	2014	11
270	**Italy** – Venise Mose project – Rehabilitation of the eastern roundhead of the offshore breakwater at the San Nicolo mouth.	ACC	6.3	2013	9
269	**France** – Port La Nouvelle – Repair of the northern head of the Port la Nouvelle harbour in the south of France. using a limited number of 4.0.0m^3 ACCROPODE™ units.	ACC	4	2013	6
268	**UAE** – Hamriyah WIO. Sharjah – Seawater intake and outfall structures. The new breakwaters are about 500.0.0m long. protected with 2.0m^3 (trunk) and 2.4.m^3 (heads) CORE-LOC™ units.	CL	2 / 2.4	2013	7
267	**Tunisia** – El Karraya – Small harbour near Monastir. southern Tunisia. Short breakwater refurbished with a new roundhead armoured with 1.5 m^3 ACCROPODE™ units.	ACC	1.5	2013	3
266	**Romania** - Constantza Port expansion – Extension of the main northern breakwater by 1050 m in deep water. The new primary armour consists of 9.0.0m^3 (trunk). 12.0.0m^3 (head) and 3.0.0m^3 (rearside) ACCROPODE™ II units.	ACC II	3 / 9 / 12	2013	20
265	**Tunisia** – El Haouaria – Small fishery harbour in Cap Bon gulf on the northeast coast of Tunisia. The 200 m long rubble mound is protected with 1.5.0.0m^3 (trunk) and 2.5.0.0m^3 (head) ACCROPODE™ units.	ACC	1.5 / 2.5	2013	3
264	**Kuwait** – KOC Small Boat Harbour – Marine facilities upgrading oil project. consisting in two new small boat harbours south of Kuwait City. The north harbour is new and the south harbour is expanded. new breakwaters armoured with 3.0.0m^3 ACCROPODE™ II.	ACC II	3	2013	11

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
263	**Saudi Arabia** – Shoaiba Stage II – This new power plant is located on the Red sea about 100 km south of Jeddah. Three revetments protect the intake and outfall structures armoured with 1.5.0.0m³. 2.5.0.0m³ and 5.0.0m³ ACCROPODE™ units.	ACC	1.5 / 2.5 / 5	2013	12
262	**UAE** – Zirku Intake Jetty – Construction jetty and seawater intake located north of Zirku island. 70 km offshore Abu Dhabi coast. The "L" shape offloading jetty is 830 m long and its revetment armoured with ACCROPODE™ units of 1.5 m³ and 2.2 m³	ACC	1.5 / 2.2	2013	11
261	**Lebanon** – Saida Waste – Seawall protection of the waste disposal south of Saida city. The 2.1 km long protection is armoured with 12 m³ ACCROPODE™ units.	ACC	12	2012	12
260	**Oman** – Taqah Fishery Harbour – New fishery harbour located in Dhofar region 50 km East of Salalah. The two breakwaters are about 2 km long in total and protected with five CORE-LOC™ sizes.	CL	1.4 / 3 / 3.9	2012	6.5
259	**Colombia –** Cerrejon Causeway P40 phase 1 – Construction of a 500 lm shore to support a coal conveyor for coal loading.	CL	2 / 3	2012	3.5
258	**Australia** – Wheatstone LNG plant – Marine facilities located at Ashberton North.	ACC II	3 / 4	2012	6
257	**Oman** – Sidab Coast Guard Facilities – New coastguard harbour located 8 kms North west of Muscat.	CL	5 / 6.5	2012	9.5
256	**Morocco** – Tarfaya – Extension of the Port of Tarfaya including 1207 m of protection.	ACC II	2 / 4	2012	11
255	**Oman –** Wave Muscat armouring – Offshore breakwater protecting the entire coastal resort area. Additional production of CORE-LOC™ units to complete the southern end armouring of the breakwater.	CL	5 / 6.5	2012	10.6
254	**Morocco** – Tanger Pêche – New fishing harbour near Tangiers city.	ACC II	8	2012	12

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
253	**UAE** – Abu Dhabi – Braka nuclear power plant – 15 km long revetments to protect intake and discharge channels and a large reclamation area.	CL	1.4 / 2	2011	4
252	**Tunisia** – Sousse – Strengthening the revetment of the northern groin over 140 m long stretch within the Commercial Port of Sousse.	ACC	0.8	2011	5
251	**Western Arabian Gulf Coast -** shore protection stage 2 – Housing and industrial property project - 2000 Ha of reclaimed land - ACCROPODE™ used for the eastern and northern seawall breakwaters and revetments.	ACC	1.5	2011	7
250	**Saudi Arabia -** Rabigh - Power Plant N°2 – Breakwater protection in front of a coral reef in the Red Sea.	CL	2	2011	5
249	**Lebanon** - Summerland Marina - Phase II – Second phase development of the Kempinski resort marina including a 300 ml main south breakwater and a 200 ml secondary one on the north. all protected with 12 m³ ACCROPODE™.	ACC	12	2011	8
248	**UAE** – Abu Dhabi - Zakum Oil field – Upper Zakum most exposed artificial islands N and W aimed at housing drilling platforms - ACCROPODE™ II revetments about 1500 m each.	ACC II	4	2011	11
247	**Lebanon** – Beirut Port Ext. Quay 16 – Eastern extension of the container quay 16. ACCROPODE™ armoured revetment of the most exposed reclaimed land.	ACC	4	2011	10
246	**Oman** – Hallaniyat – 600 m harbour breakwater to protect mooring facilities on an island located 150 km North-East of Salalah.	CL	2 / 3	2011	9
245	**UAE** – Abu Dhabi – SARB – Satah Al Razboot field development, artificial L1 and L2 islands - ACCROPODE™ II armoured revetments about 1500 m each.	ACC II	3	2011	11
244	**Cape Verde** – Vale De Cavaleiros – Northern expansion of the existing multi-purpose port located west of the Fogo Island (south of the Cape Verde Archipelago) . The scope of works include the extension of the main breakwater and the creation of a lee breakwater up north in -5 m waterdepth.	ACC II	3 / 6	2011	5.5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
243	**India** - Karaikal - Phase 2 – Extension of both breakwaters at the port entrance by about 500 m in deeper water in alignment of the existing breakwaters.	ACC	3 / 4	2011	7.5
242	**Lebanon** - Summerland Marina - Phase I – Small marina for the Kempinski hotel and resort located on the Beirut seashore - A limited number of 12 m^3 ACCROPODE™ units were placed for this temporary construction phase.	ACC	12	2010	8
241	**Oman** – Muttrah corniche repairs – Repair works to Phet storm damage at Muttrah cornice - Dolos were replaced along 60 m stretch by 3 m^3 ACCROPODE™ units.	ACC	3	2010	7.6
240	**Morocco -** Tanger Med II – New container port located 35 km East of Tangiers with breakwaters of 2560 m and 310 m long armoured with ACCROPODE™ units.	ACC	4 / 6.3 / 9	2010	24
239	**Pakistan** – New deep water container terminal in Karachi Marine protection works include two CORE-LOC™ armoured breakwaters: Manora (870 ml) and Oyster (2800 m) and improvement of the existing Keamari groin.	CL	2.4 / 6.2 / 8.5	2010	17
238	**Cyprus** - Limassol Marina - Major marina near Limassol South of Cyprus island. to protect boats of 5 m to 60.0.0m in length - The protection is ensured by two breakwaters of 700 m long in total. most of it armoured with ACCROPODE™.	ACC	2 / 4 / 5	2010	14.2
237	**India** - Thengapatinam Fishery harbour Phase I & II – Located on the south west coast of India (Tamil Nadu state. kanyakumari district).	CL	2 / 3 / 3.9 / 5	2010	11
236	**Cape Verde** - extension of the SAL-REI harbour – On the north west of the Boavista Island including a protection of approximately 1 050 m length protected with ACCROPODE™ units on 580 m.	ACC	3 / 4	2011	12
235	**France** - Cerbere Reconstruction of existing structures with rocks damaged during Dec. 08 storm using ACCROPODE™ II units.	ACC II	9	2010	11
234	**Bahamas** – Ragged Island – Gun point harbor - Multipurpose harbour for a small island 300 kms southeast of Nassau. Two breakwaters of 300 m long armoured with CORE-LOC™.	CL	2.5	2011	6.5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
233	**Brazil** – Açu Commercial port at sao Jao da Barra – North of Rio do Janeiro - New port constructed offshore in 14 m waterd epth – "L" shape breakwater. over 2 km long protected with CORE-LOC™ units.	CL	3.9 / 5	2010	15.8
232	**UAE** – Das Island IGD – Extension of the existing gas facilities on Das Island. off Abu Dhabi coast - The breakwater located in front of the Northern quay wall is 400 m long and protected with CORE-LOC™ units of greater sizes – A smaller 1.4 m^3 CORE-LOC™ size is used for adjacent coastal protection.	CL	1.4 / 5 / 11	2010	14
231	**India –** Kattupalli – This new port is located north of Chennai on the East coast of India - The total length of the breakwaters is over 2 km . protected on their trunk with ACCROPODE™ units and on their roundheads with ACCROPODE™ II (second generation) units.	ACC & ACC II	2.5 / 4 / 6.3	2010	12
230	**Libya** – Tripoli port – Complete new ACCROPODE™ primary armour on top of the damaged Tetrapod armour – Adapted repair design along the 3600 m long main breakwater.	ACC	6.3 / 9	2009	16
229	**Algeria** – Arzew – Construction of a new LNG plant - Export loading facilities.	ACC	4 - 6.3	2009	7.5
228	**Benin** – Cotonou - Extension of the sand-intercepting groin at the Southern port boundary to reduce the sediment transport along the shore and at the port entrance.	ACC II	3 - 4	2009	12
227	**Oman** – Bait Al Barakah – New port protected with two breakwaters - The main one is 1100 m long and the lee breakwater is 800 m long both partially armoured with CORE-LOC™ units.	CL	1.3 / 3 / 5 / 5.5	2009	9
226	**Oman** – Shinas – Modification of the existing layout of the Shinas harbour at Oman in order to integrate a new fast ferry facility.	ACC	3	2009	8
225	**Oman** – Suwaiq – New marine facilities in Batinah region of Suwaiq. north coast of Muscat - Two breakwaters: 910 m long on the East and 740 m long on the West.	CL	1.4 / 1.75 / 2.4	2009	7
224	**Tunisia** – Skhira – New layout of water intake of Skhira chemical plant.	ACC	0.8 / 1	2009	4.5
223	**Libya** – Al Mresa – Fishing harbour near Benghazi - 1700 m of breakwaters.	ACC	2 / 2.5	2009	4

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
222	**Saudi Arabia** – Shoaiba Power Plant stage 3 – Extension of the plant located on the Red Sea - Protection of the new intake works north of the existing one.	ACC	1.5 / 2.5	2011	3
221	**Cape Verde** – Palmeira Port Phase 1 – Modernization of the commercial port located west of Sal Island - Breakwater extension in 6 m of waterdepth.	ACC	2	2009	8
220	**India** – Colachel - New fishing port – In Tamil Nadu State-Kanyakumari District - Main breakwater (500 ml) and lee breakwater (100 ml) armoured with CORE-LOC™.	CL	2 / 2.4 / 3 / 3.9	2009	10
219	**Oman –** Asian Beach Games 2010 **–** Marina near Muscat protected by two breakwaters - 850.0.0ml total length.	CL	1.4 / 2	2009	6.7
218	**Bahrein –** Muharraq sewage treatment plant – STP – Square reclamation works south east offshore of the greater scheme protected with 1.5.0.0m³ ACCROPODE™ units.	ACC	1.5	2009	7
217	**Morocco –** Marchica – New layout of the Marchica inlet for a marina development -Two training walls armoured with ACCROPODE™ II. each extending about 500.0.0ml into the sea.	ACC II	2 / 4	2008	8.5
216	**Libya –** Tripoli Marina Phase 2 – Second stage of works protecting the marina itself. including the main and lee breakwaters.	ACC	2 / 4 / 6.3	2008	7.5
215	**Oman** – Hasik Ramp Construction – Construction of a temporary ramp for landing craft in the southern part of Oman.	CL	2	2008	5.9
214	**Oman** – Jalali – Complete repair of the 300 m long revetment in front of the royal palace. further to the failure of the hollow units following Gonu hurricane.	ACC	16	2008	17.3
213	**Sri Lanka** – Colombo – Major western extension of the existing container port. involving construction of a 3500 m long breakwater armoured with CORE-LOC™ units.	CL	8.5	2008	20
212	**Iran** – Pars Flare Substructure – Protection of reclaimed land in shallow water within the Pars project industrial area.	ACC	1 / 2	2008	9.4

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
211	**UAE** – Abu Dhabi – Khalifa – Extension of the existing commercial harbour – Works include several kilometers of breakwaters and revetments extending out in the sea.	ACC	1.5 / 2.2	2008	12.4
210	**Libya** – Tripoli Marina – New marina located just west of the capital – First stage of works consisting of coastal protection.	ACC	2 / 4	2008	6
209	**Australia** – Cape Preston – New materials offloading facility (M.O.F.) for iron ore export. north west of Australia.	CL	3.9 / 6.2 / 8.5 / 11	2009	20
208	**St Marteen –** Phillipsburg – Extension of the ferry terminal located in the Dutch part of the island – The new breakwater protects the QE2 quay.	ACC	12 / 16	2008	13.5
207	**India** – Karaikal – New private industrial harbour south of Pondicherry – 2 breakwaters protect the entrance of the port constructed in land.	ACC	2.5 / 3	2008	7.5
206	**Oman** – Seeb – New fishery harbour located near the airport north of Muscat – 2 breakwaters armoured with CORE-LOC™ units.	CL	1.3 / 1.75 / 2 / 2.4	2008	12.5
205	**Oman** - Muttrah corniche – Repair of a 120 m dolos stretch using CORE LOC™ units along Al Bahri road.	CL	3.9	2008	-
204	**Western Arabian Gulf Coast -** Shore protection – Housing and industrial property project - 2000 Ha of reclaimed land - ACCROPODE™ used for the eastern and northern seawall breakwaters and revetments.	ACC	1.5	2008	7
203	**India** – Jaigarh port – Greenfield all weather port facility at Dhamankul bay in Ratnagiri state (west coast) - Protection of the main breakwater (520 m).	ACC	9 / 12	2008	15.2
202	**Oman** - Barr Al Jissah Resort and SPA – Repair of a rock armoured breakwater following Gonu cyclone using CORE LOC™ units along a 250 m stretch (breakwater) and 50 m (revetment)	CL	1.4	2008	8.5
201	**Saudi Arabia** - Marafiq IWPP – Industrial project near Jubail - Breakwater and seawater intake channel - protection over 500 m.	CL	0.7	2008	3.5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
200	**Italy** - Ospedaletti marina – New yacht harbour located near San Reno Liguria - The breakwaters are 1200 m long.	ECO & ACC II	4 / 6 / 8	2008	10.6
199	**Italy** - Ortona port extension phase II – East coast of Italy (Adriatic seaside) - Main breakwater extended by 500 m.	ACC	4 / 6.3 / 9 / 12	2007	13
198	**Tunisia** - Bekalta fishing Harbour – Extension works at Belkata near Monastir - Main breakwater : 140 m (south) Secondary breakwater : 75 m (north).	ACC	1.5 / 2	2007	5.5
197	**Oman** - Al Duqum port and dry dock complex – New port at Duqum about 500 km south of Muscat - Main and lee breakwaters (2.6 and 2.4 km respectively).	CL	3 / 8.5	2007	19
196	**Libya** - Garabulli fishing harbour – New port located 60 km east of Tripoli - Main breakwater (500 m) and roundhead of the Secondary breakwater.	ACC	3 / 6.3	2007	7.5
195	**South Korea -** Busan Geoje tunnel – Protection of the most exposed part of the immersed tunnel section.	ACC II	11 / 15 / 20	2007	22.2
194	**Morocco** - Tanger Roro plateform – New specialised terminal next to the container port - Two breakwaters and shore protection are rubble-mounds armoured with various ACCROPODE™ sizes.	ACC	4 / 6.3 / 9 / 12	2007	20
193	**Qatar** - Ras Laffan LNG port expansion – 5 km of protection of the deepest stretches of the northern and southern breakwaters as well as the offshore breakwater located in the entrance of the new LNG port.	ACC	3 / 4 / 5	2007	14.6
192	**Martinique** - Grand Rivière fishing harbour – Extension of the fishing harbour with a completely new main breakwater.	ACC	1.5 / 5	2007	5.7
191	**India** - Pawas bay export facility – 600 m new breakwater for a private export port on the west coast of Maharastra.	CL	5 / 6.2	2007	15
190	**Oman** - Wave muscat – About 1 km -long offshore breakwater located west of Muscat to protect a recreational resort development.	CL	5 / 6.5	2007	10.6

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
189	**France** - Fos Cavaou gas terminal – Extension of the roundhead of the breakwater protecting the gas terminal N°4 at the industrial bulk port of Fos near Marseilles.	CL	2	2007	9.2
188	**Angola** - Dalia UFL spool base jetty – Reinforcement of the existing vertical wall with a rubble-mound protected with ACCROPODE™ II armour units over 300 meters length.	ACC II	8	2007	8.6
187	**Chile** - Loma larga platform – Repair of the existing reclamation located near Valparaiso.	ACC	5	2006	3
186	**Oman** - Shannah ferry harbour – Protection of new mooring facilities for ferry vessels by an offshore breakwater in Al Wusta region.	CL	1.5	2007	8.7
185	**La Reunion -** Sainte Suzanne anti-flooding scheme – Construction of two short parallel breakwaters to frame the river outlet channel.	ACC	2 / 3	2007	6.3
184	**South Korea** - Busan Geoje fixed-link project – Protection of the deepest part of the immersed tunnel section.	CL	5	2007	28
183	**United Kingdom** - Newbiggin Bay – Coastal protection- Construction of a 200 m long detached breakwater into Newbiggin bay located in Wansbeck district.	CL	3.9	2007	8.6
182	**Oman -** Sohar industrial port extension (phase 3) – Fishing harbour construction north of the existing port involving a new breakwater and revetments protected with new and re-used CORE-LOC™ units.	CL	1 / 1.5 (re-used) 3 (new)	2006	9.4
181	**UAE (Sharjah) –** Hamriyah free zone harbour – 1500 m long revetment protecting reclaimed land on the west side of the existing port.	CL	2	2006	9.4
180	**UAE (Sharjah) –** Layyah harbour – 500 m long revetment protecting reclaimed land on the west of the port.	CL	2	2006	7.4
179	**Tunisia –** Hammamet marina – 150 m long extension of the existing main breakwater.	ACC	6.3	2006	6
178	**La Reunion –** Port est – Protection of the spur at the entrance of the port.	ACC	12	2006	17.5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
177	**India –** Gangavaram port – The extension of the commercial port requires the construction of two new breakwaters.	ACC	2.5 / 4 / 6.3 / 9 / 12	2006	15
176	**Oman –** Salalah container port – 3 km long breakwater to protect the new container berths located in deeper water.	ACC	12	2006	23
175	**Yemen** – Bal Haf LNG terminal – Construction of a new breakwater and shore protection of the LNG facilities.	ACC	1.5 / 2.5 / 4	2006	19
174	**Chile** - Puerto de Arica – Rehabilitation of a Tetrapod breakwater on the northern part of the country.	CL	5	2005	12
173	**Barbados** - West Indies-New coast guard harbour – North of Bridgetown on the western coast of Barbados - Armour protection of the 200 m long jetty.	CL	2.4 / 3	2005	6.5
172	**Argentina** - La Plata port – Rehabilitation of training walls - protection of the eastern breakwater.	CL	0.9 / 1.4	2005	2
171	**Argentina** - Camarones – Construction of a new fishing quay protected by a 300 m long curved breakwater.	CL	2.4 / 5 / 6.2	2005	8
170	**Italy** – Oneglia commercial port – Near Imperia city on the Ligiuria coast - Armour protection of the main and lee breakwater.	ACC	4 / 2.5	2005	10
169	**Thailand** – Map Ta Phut cooling water intake lagoon – Second phase of works involving the construction of an armoured protection for intake works.	ACC	2 / 2.5	2005	4.5
168	**Italy** – Port of Ortona – 820 m long extension of the existing northern breakwater.	ACC	4 / 6.3	2005	10
167	**Chile** – Coastal protection at San Vicente	CL	0.8	2005	3
166	**Lebanon** – Extension of the main jetty in Tripoli	ACC	9 / 12	2005	10
165	**Kuwait** – Fintas Marine Center – New harbour for Kuwait University on the south part of the country - Protection of the 520.0.0m long main breakwater.	ACC	2.5 / 3	2004	4.5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
164	**UAE** - Khor Fakkan – Construction of two new breakwaters to expand the container port	CL	3.9 / 5	2004	19
163	**Kuwait** – Island of Umm Al Maradem – New service harbour - Armouring of the 500 m long main eastern breakwater.	CL	1.4 / 2.4 / 5	2004	5
162	**Oman** – Sohar fishery harbour – Construction of two new breakwaters.	CL	1.3 / 1.6 / 2	2004	3
161	**Argentina** - Quequen – Rehabilitation of the existing breakwater and construction of 500 m long new breakwater.	CL	3.9 / 5 / 6.2 / 8.5 / 11	2004	11
160	**Eire** - Kilkeel – Construction of a rubble mound against an existing vertical pier.	CL	2.4 / 3.9	2004	2
159	**Morocco** – New container port of Tangiers – Construction of the main and lee breakwaters.	ACC	4 / 9 / 16	2003	20
158	**Qatar** – Halul Island industrial port extension – Protection of the new 250 m long eastern breakwater.	CL	1.4 / 2.4	2003	10
157	**Italy** – Protection of Venetia against flooding – Construction of the off shore breakwater at Chioggia entrance.	ACC	6.3	2003	12
156	**Italy** – Protection of Venetia against flooding - construction of the offshore breakwater at the Malamocco entrance.	ACC	6.3 / 4	2003	12
155	**Egypt** - Idku LNG Terminal – New offshore breakwater of 900 m long.	CL	6.2 / 11	2003	12
154	**Netherlands Antilles** – Rehabilitation Fort Bay Harbour – Rehabilitation of the main breakwater at the Fort Bay Harbour on the Island of Saba.	ACC	4 / 6.3 / 9 / 16	2003	11.6
153	**Oman** – Sohar seawater intake – End protection of the south breakwater.	CL	3	2003	5
152	**Italy** – Gela offshore terminal phase II – New constructor selected for the rehabilitation works of the remaining casting and whole placement to protect the seaside of the existing vertical breakwater.	CL	3.9 / 5	2003	13
151	**Malta** – Cirkewwa ferry terminal – Extension of the existing breakwater.	ACC	9 / 16	2002	12

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
150	**Qatar** - Ras Laffan seawater intake – Construction of two new breawkaters.	CL	1.4 / 2.4	2002	6
149	**India** - Hazira LNG terminal – Construction of 2 breakwaters.	ACC	4 / 6.3	2002	13
148	**United Kingdom** – Coastal road protection – Construction of a protective seawall in Scarborough.	ACC	6.3 / 9	2002	6
147	**UAE** – Fujairah – New naval base south of Ormuz straits - Protection of the two new breakwaters.	CL	3 / 5	2002	14
146	**Chile** – Meijillones – Located on Chile's northern coast - Protection along terminal 1 general cargo (multipurpose and containers).	CL	0.8	2002	14
145	**France** – Le Havre Port 2000 – Construction of new breakwaters in Le Havre as part of the Port 2000 project.	ACC	1.5 / 2 / 3	2002	10.7
144	**Dominican Republic** - Caucedo multimodal terminal – Construction of the breakwater.	ACC	4 / 9 / 16	2002	16
143	**Oman** – Al Ashkharah fishery harbour – 100 Km south of Muscat – Protection of the new breakwater.	CL	1.5 / 3 / 4.5 / 5.5	2002	6
142	**Martinique** - Coastal protection – Coastal protection for the RD10 road in the commune of Le Prêcheur.	ACC	2.5	2002	2
141	**Qatar** - Halul industrial port extension – Gulf Island located 80 km East of Doha - Protection of the main breakwater.	CL	0.7 / 1.4 / 2.4	2001	11
140	**Bulgaria** - Bourgas harbour – Breakwater protection.	ACC	2 / 3	2001	12
139	**Hong Kong** - Protection of the new container terminal no. 9.	ACC	2 / 3	2001	16.6
138	**Lebanon** - Protection for the marina at the Movenpick Hotel.	ACC	16 / 18	2001	
137	**Oman** – Saham new fishery harbour – Protection of the new breakwaters.	CL	1.3 / 2	2001	5
136	**Argentina** - Construction of the breakwater protecting Rawson harbour entrance.	ACC	1 / 2 / 3	2001	7

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
134	**Spain** - Breakwater protecting La Esfinge in Las Palmas – Canaries islands – Gomera.	ACC	12 / 16	2001	24
133	**Vietnam** - Construction of a breakwater to protect Dung Quat refinery.	ACC	2 / 4 / 6.3 / 9 / 12 / 16	2001	16
132	**Yugoslavia** - Renovation of the breakwater at Lunited Kingdoma Bar harbour.	ACC	5	2000	16
131	**Malta** - Protection of the reclaimed land for the Cirkewwa ferry terminal.	ACC	1.5	2000	3.5
130	**Tunisia** - Reinforcement of the main breakwater at Sidi-Mechreg harbour.	ACC	2.5 / 4 / 6.3 / 9	2000	6
129	**France** - Breakwater protecting the road link between Frontignan and Sète - Phase II.	ACC	4	2000	7
128	**France** - Protection for the coastline of Les Buttereaux in St Pierre et Miquelon.	ACC	2.5	2000	1
127	**Italy** - Gela Port - Refurbishment of the main caisson breakwater.	CL	3.9 / 5	2000	13
126	**Monaco** – Underwater slope protection in front of caissons of the Condamine Port.	ACC	4	2000	20
125	**Japan** – Second stage of marine works at the Higashi-Dori power station.	ACC	4 / 6.3 / 9 / 12 / 14 / 18	2000	12
124	**Japan** – Protection of the South revetment of Ohma nuclear power plant.	ACC	3 / 16	2000	9
123	**Seychelles** – Repair of the breakwater for a yacht harbour on Fregate Island	ACC	2	2000	4.5
122	**Spain** – Coastal protection at Garachico - on the West side of the Tenerife Island.	ECO	5.7	2000	0
121	**Tunisia** – Construction of the North breakwater of the Rades intake canal.	ACC	0.8 / 1.5	1999	3.5
120	**Oman** - Sohar new industrial port – 6 km of new breakwaters.	CL	0.5 / 1 / 1.6 / 3	1999	16

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth
					h(m)
119	**Saudi Arabia** – Intake works protection of the Shoaiba thermal power plant.	ACC	1.5	1999	21.5
118	**France** – Reinforcement of the South jetty of Gruissan previously armoured with stones.	ACC	4	1999	6
117	**Eire** - Tory Island supply Harbour on an Island north of Ireland - Rehabilitation of the main breakwater.	CL	5	1999	7.5
116	**India** – 1.2 km offshore breakwater for the new Dabhol LNG terminal.	ACC	9 / 12	1999	9.7
115	**Chile** – Repair of the Loma Larga platform protecting the water treatment plant near Valparaiso.	ACC	5	1999	7
114	**Netherlands Antilles** - Breakwater protection for access to new cruise liner jetty – St-Maarten.	ACC	6.3	1999	14.5
113	**France (Corsica)** - Reinforcement of the North Jetty breakwater at Bastia.	ACC	4 / 6.3	1999	13
112	**Libya** - New port at Sirte - Main and secondary breakwaters.	ACC	3 / 6.3 / 9 / 12	1998	10
111	**France** - Renovation of existing breakwater at the Port of Argeles.	ACC	4 / 6.3	1998	8
110	**Japan** – Okinawa - Protection to a reclaimed area of land at Kim Power Plant.	ACC	2.5	1998	6
109	**Poland** - East training wall for mouth of River Wisla Smiala.	ACC	1.5 / 2.5	1998	7.5
108	**Tunisia** - New marina at Hammamet-Sud – Breakwaters.	ACC	2.5 / 4 / 6.3	1998	7.5
107	**Tunisia** - Strengthening of a northern breakwater at the commercial harbour of La Goulette.	ACC	2.5 / 4	1998	7
106	**Egypt** - Detached submersible breakwaters for shore protection works at Cleopatra in Alexandria.	ACC	1.5	1998	6
105	**Taiwan** - Protection of landfill platform at Chang-Hua.	ACC	2	1998	6

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants) Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
104	**France (Corsica)** - Rehabilitation of Toga Marina breakwater near Bastia.	ACC	9	1998	15
103	**Lebanon** - Protection for Beirut Central District project and Western Marina breakwater.	ACC	4 / 6.3 / 9 / 14 / 16	1998	20
102	**Oman** - Khaboura offshore pier 150 km north of Muscat.	CL	3	1997	6.5
101	**Oman** - Dalkut fishing port near Yemen border.	CL	6.75 / 9	1997	8
100	**Japan** - Protection of landfill platform – Phase 2 - Hitachinaka power station project.	ACC	12	1997	14.5
99	**India** - Breakwater protection works at Ennore Satellite Port near Madras.	ACC	4 / 5 / 6.3	1997	13
98	**Japan** - External protection for reflecting caisson structure in deep water at Haramachi.	ACC	6.3 / 9	1997	13
97	**Hong Kong** - Protection for a reclamation area and an offshore breakwater for the container port - River Trade Terminal 38.	ACC	2.5 / 3	1997	20
96	**Malaysia** - Protection of groynes to assist in beach nourishment at Dungun.	ACC	0.8 / 1 / 2	1997	5.1
95	**Japan** - Protection of reclaimed land area at Hibikinada - Phase 2.	ACC	4	1997	13
94	**Japan** - Protection of a roundhead structure at Shin Isogo Power Station.	ACC	2	1997	10.5
93	**Japan** - Breakwater protection works at Higashi Dori nuclear power station.	ACC	4 / 6.3 / 9 / 12 / 14 / 16 / 18 / 20	1997	12
92	**Lebanon** - Port of Beirut – Further extension of Main Breakwater.	ACC	16 / 18	1997	21
91	**Thailand** - Protection of reclaimed land at Map Ta Phut Industrial Port (phase 2).	ACC	1 / 2 / 2.5	1997	10
90	**Tunisia** - Construction of breakwater extension to Beni Khiar fishing harbour.	ACC	2.5 / 4	1997	8

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
89	**Tunisia** - Construction of breakwater protection for El Haouaria fishing harbour.	ACC	1.5 / 2.5 / 4	1997	5.4
88	**Philippines** - Construction of breakwater protection to an outfall channel at Masinloc.	ACC	0.8 / 1.5	1997	9.3
87	**Japan** - Protection of reclaimed land area at Hibikinada.	ACC	4	1996	12.6
86	**St-Barthelemy** - Erosion protection for a small quay structure at Gustavia.	ACC	6.3	1996	6.1
85	**Malaysia** - Protection of reclaimed land at Chendering Fishery Harbour.	ACC	0.8 / 1	1996	3.6
84	**Oman** - Construction of new protection breakwaters for SUR Fishery Harbour.	ACC	2.5 / 4 / 6.3 / 9	1996	10.5
83	**Ivory Coast** - Construction of a breakwater to prevent sand transportation near the port of Abidjan.	ACC	4 / 6.3	1996	20
82	**Tunisia** - Extension of the protection breakwater for La Chebba Fishery Harbour.	ACC	1.5	1996	4.6
81	**Tunisia** - Construction of a new protection breakwater for Cap Zebib Fishery Harbour.	ACC	4	1996	6.8
80	**Argentina** - Protection for reclaimed land at Comodoro Rivadavia.	ACC	1	1996	5
79	**Malaysia** - Construction of new protection breakwaters for Kuala Besut estuary.	ACC	0.8 / 1.5 / 3 / 4	1996	5
78	**Uruguay** - Extension of the existing breakwater of the Port of Piriapolis.	ACC	2.5	1995	12
77	**France** - Extension of the breakwater for Port Joinville Marina on the Isle of Yeu.	ACC	2.5	1995	7.7
76	**Oman** - Construction of new protection breakwaters for Shinas Fishery Harbour.	ACC	1 / 2 / 3	1995	6.7
75	**Oman** - Construction of new protection breakwaters for Quriyat Fishery Harbour.	ACC	2 / 3 / 4	1995	4
74	**Spain** - Construction of the new breakwater for Algeciras Marina.	ACC	6.3 / 9	1995	11

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
73	**Spain** - Construction of the new breakwater for Port Bou Marina.	ACC	6.3 / 9	1995	15
72	**Argentina** - Extension of the main breakwater of the port of Comodoro Rivadavia.	ACC	6.3 / 9	1995	8
71	**Oman** - Breakwaters of the new Al Nadi Al Bahri marina.	ACC	3 / 5 / 6.3	1994	5
70	**Tunisia** - Reinforcement of the roundhead of Sousse Harbour.	ACC	4	1994	5.9
69	**France** - Extension of the main breakwater in Palavas-les-Flots marina	ACC	2 / 3	1994	5
68	**France** - Rebuilding of the roundhead on Saint Nicolas jetty and the 8th berth in Bastia commercial harbour	ACC	2.5 / 9 / 12	1994	13
67	**Italy** - Construction of the new main breakwater in Ciro Marina.	ACC	12	1994	12
66	**Oman** - New jetty at Mina al Fahal oil terminal near Muscat.	ACC	4	1994	4
65	**Japan** - Protection of the landfill platform at the new Nakaminato power plant.	ACC	12	1993	14.5
64	**Spain** - Protection of the marina basin at Melilla (North Africa).	ACC	4	1993	9
63	**Tunisia** - Construction of the extension to the main breakwater in Ghar el Mehl fishing harbour.	ACC	2.5 / 4	1993	7
62	**French Antilles** - Construction of the roundhead on the main breakwater of Galisbay commercial harbour in Saint-Martin (French West Indies).	ACC	6.3	1993	5
61	**Comoro Islands** - Protection of the new runway extension at Pamandzi airport. Mayotte.	ACC	2.5	1993	8
60	**Greece** - Coastal protection at Ixia on the North of the Island of Rhodes by the construction of detached breakwaters built off shore.	ACC	1.5	1993	5
59	**France** - Coastal protection of a reclaimed platform for building a new treatment plant at Cap Sicié. near Toulon.	ACC	6.3	1993	5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
58	**Oman** - Construction of a new dyke to protect a reclaimed land for container storage at Mina Qaboos near Muscat Harbour.	ACC	5	1993	11.5
57	**France** - Rehabilitation of the main breakwater (originally protected with armour stone) of the Pointe Rouge Marina in Marseille.	ACC	4 / 6.3	1992	10
56	**New Caledonia** - New port of We - Main breakwater.	ACC	4 / 6.3	1992	12
55	**Macau** - New international Macau Airport - Protection of the entire reclaimed platform.	ACC	0.8 / 4 / 6.3	1992	5
54	**Thailand** - New industrial Prachaup Port - Main breakwater.	ACC	4 / 5	1992	11
53	**Greece** - Island of Rhodes - Plimiri Harbour - Extension of the main breakwater.	ACC	6.3	1992	5
52	**France** - Gruissan Harbour - Rehabilitation of a roundhead (previously stone armoured) at the entrance of the harbour.	ACC	4	1992	6
51	**New Caledonia** - New Port of Tadine - Main breakwater.	ACC	2.5 / 3	1992	10
50	**Martinique** - Shore protection - Supply of blocks to protect several sites on the island coastline.	ACC	1 / 1.5 / 2.5	1992	-
49	**France** - Commercial Port of Sete - Dellon offshore breakwater - Rehabilitation of the seaward roundhead (previously armoured with Tetrapodes).	ACC	20	1992	14.5
48	**United Kingdom** - Construction of the new South pier at Hartlepool Marina.	ACC	2.5 / 4	1991	2.4
47	**France** - Extension of East and West jetties Gravelines harbour.	ACC	2.5 / 4 / 6.3	1991	7
46	**Martinique** - Consolidation of breakwater. Bellefontaine terminal.	ACC	4	1990	8
45	**Spain** - Protection of the main breakwater. new marina at Palamos (near Barcelona).	ACC	9 / 12	1990	15
44	**Japan** - Protection of a thermal power plant at Haramachi.	ACC	4 / 6.3 / 9 / 12	1990	10

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
43	**Spain** - Protection of the main breakwater. new marina at Mazagón (near Huelva).	ACC	2.5 / 4	1990	5
42	**Netherlands Antilles** - Rehabilitation of breakwater - Saba harbour.	ACC	2.5 / 4 / 6.3	1990	3
41	**Lebanon** - Development of Beirut north shore.	ACC	16 / 18	1989	10.5
40	**France** - Consolidation of main breakwater. Nice Harbour.	ACC	16	1989	8
39	**France (Corsica)** - Extension to Toga fifll platform 2nd stage.	ACC	9	1989	9
38	**Macau** - Protection of an earthfill Platform for oil tankers. port of Ka-Ho.	ACC	5	1989	7.3
37	**United Kingdom** - Restructuring of a roundhead Port of Tees and Hartlepool.	ACC	2.5	1989	0
36	**France** - Frontignan fishing harbour New breakwaters.	ACC	4	1989	5
35	**France** - New marina at Saint-Denis d'Oléron.	ACC	0.8 / 1.5	1988	1.5
34	**French antilles** - Protection of Jeanne d'Arc quay on Saint-Barthélémy (French West Indies).	ACC	1.5	1988	4
33	**Uruguay** - Punta Carretas - Coastal protection.	ACC	1.5 / 2.5	1988	0
32	**France (Corsica)** - Extension of Toga fill platform - 1st stage.	ACC	4 / 6.3	1988	9
31	**Morocco** - Shore protection for the new Hassan II mosque. Casablanca.	ACC	6.3	1988	2
30	**Martinique** - Commune of Grand Rivière Coastal protection.	ACC	1.5	1988	0
29	**Martinique** - Shelter for fishing boats at Grand Rivière.	ACC	1.5	1988	2.5
28	**United Kingdom** - New breakwater - Port of Tees and Hartlepool.	ACC	0.8	1988	2.7

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
27	**South Africa** - Lynch Point marina Main breakwater.	ACC	4	1987	5
26	**Lebanon** - Portemilio marina - Main breakwater.	ACC	16	1987	11.5
25	**France** - Breakwater in the estuary of the river Aude.	ACC	2.5	1987	4
24	**France (Corsica)** - New marina at Toga.	ACC	4 / 9	1987	8.5
23	**Guadeloupe** - Extension to the breakwater in Beauséjour harbour/La Désirade.	ACC	1.5	1987	2
22	**Martinique** - Coastal protection in the commune of Marigot.	ACC	1.5	1987	1
21	**Morocco** - Temporary protective breakwater during construction of new Hassan II mosque. Casablanca.	ACC	6.3	1987	2
20	**Spain** - New marina and fishing harbour at Llança - Protective breakwaters.	ACC	6.3 / 9	1986	10
19	**Lebanon** - Beirut commercial harbour Extension of the main breakwater.	ACC	16 / 18	1986	8.5
18	**Tunisia** - New fishing port at Monastir Main and secondary breakwaters.	ACC	1.5 / 2.5 / 4	1986	5
17	**France** - New sea outlet for the Rhone/Sète canal near Sète - Eastern breakwater.	ACC	4	1986	5.5
16	**France (Corsica)** - Ile Rousse commercial harbour and marina - Consolidation of the main breakwater.	ACC	4	1986	6.5
15	**Spain** (Canary Islands) - New marina at Puerto Colon - Main breakwater.	ACC	6.3 / 9	1985	10
14	**Martinique** - Protection of the coastal road at Saint-Pierre.	ACC	1.5	1985	0
13	**France (Corsica)** - Bastia commercial port Consolidation of the main breakwater - 2nd stage works.	ACC	6.3	1985	25
12	**Martinique** - Grand Rivière fishing harbour - Main breakwater.	ACC	1.5	1985	2.5

Single-layer armouring
List of References by CLI and its partners: Artelia EE (Sogreah Consultants)
Baird & Associates

Project N°	SINGLE LAYER ARMOUR TECHNIQUE Projects	Type of unit ACCROPODE™: ACC ACCROPODE™ II: ACC II CORE-LOC™: CL ECOPODE™: ECO ACCROBERM™ : ACCB ACCROBERM™ II : ACCB II	Unit size used (m^3)	Year	Water depth h(m)
11	**France** - Molène passenger harbour (Brittany) Consolidation of main breakwater.	ACC	12	1985	1
10	**France** - Frioul marina - Consolidation of main breakwater.	ACC	4	1984	2.6
9	**France** - Calais commercial port - New eastern breakwater.	ACC	4 / 6.3 / 12	1984	17
8	**France (Corsica)** - Bastia commercial harbour Consolidation of main breakwater - 1st stage.	ACC	4	1983	5.8
7	**South Yemen** - Al Mukalla commercial port - Main Breakwater.	ACC	5 / 6.3	1983	7
6	**Tunisia** - Monastir marina - Breakwater at entrance to port.	ACC	6.3	1983	4
5	**Tunisia** - New fishing harbour at Bizerte-Zarzouna - Main and subsidiary breakwaters.	ACC	4 / 6.3 / 9	1983	7
4	**Egypt** - New commercial port at Damietta Eastern and western breakwaters.	ACC	1.5 / 4 / 9	1982	7
3	**Martinique** - Bellefontaine terminal.	ACC	4	1981	8
2	**France (Corsica)** - Toga fill platform.	ACC	4	1981	3.5
1	**France** - Port of Sète - Eastern breakwater.	ACC	4	1981	9