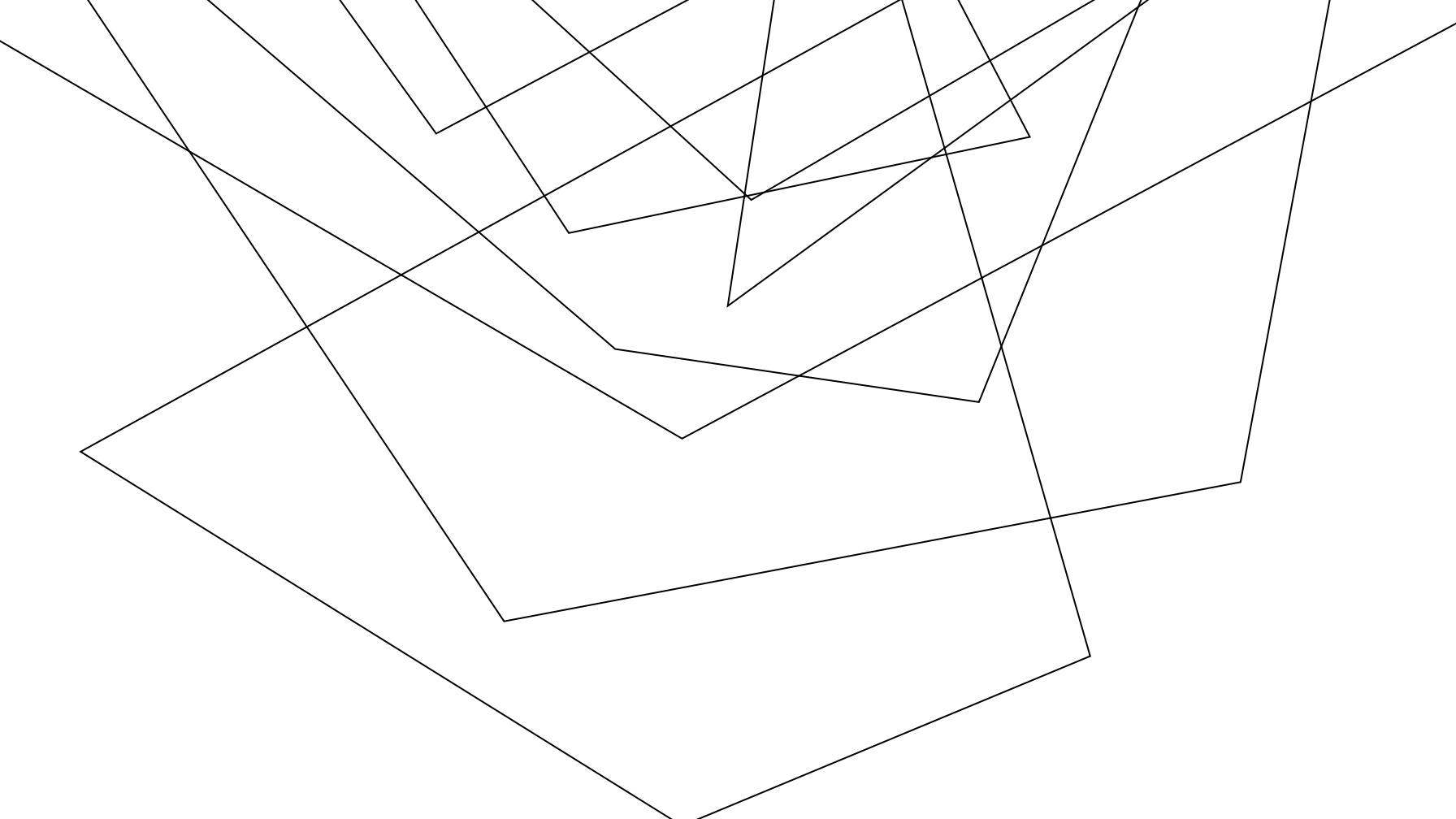


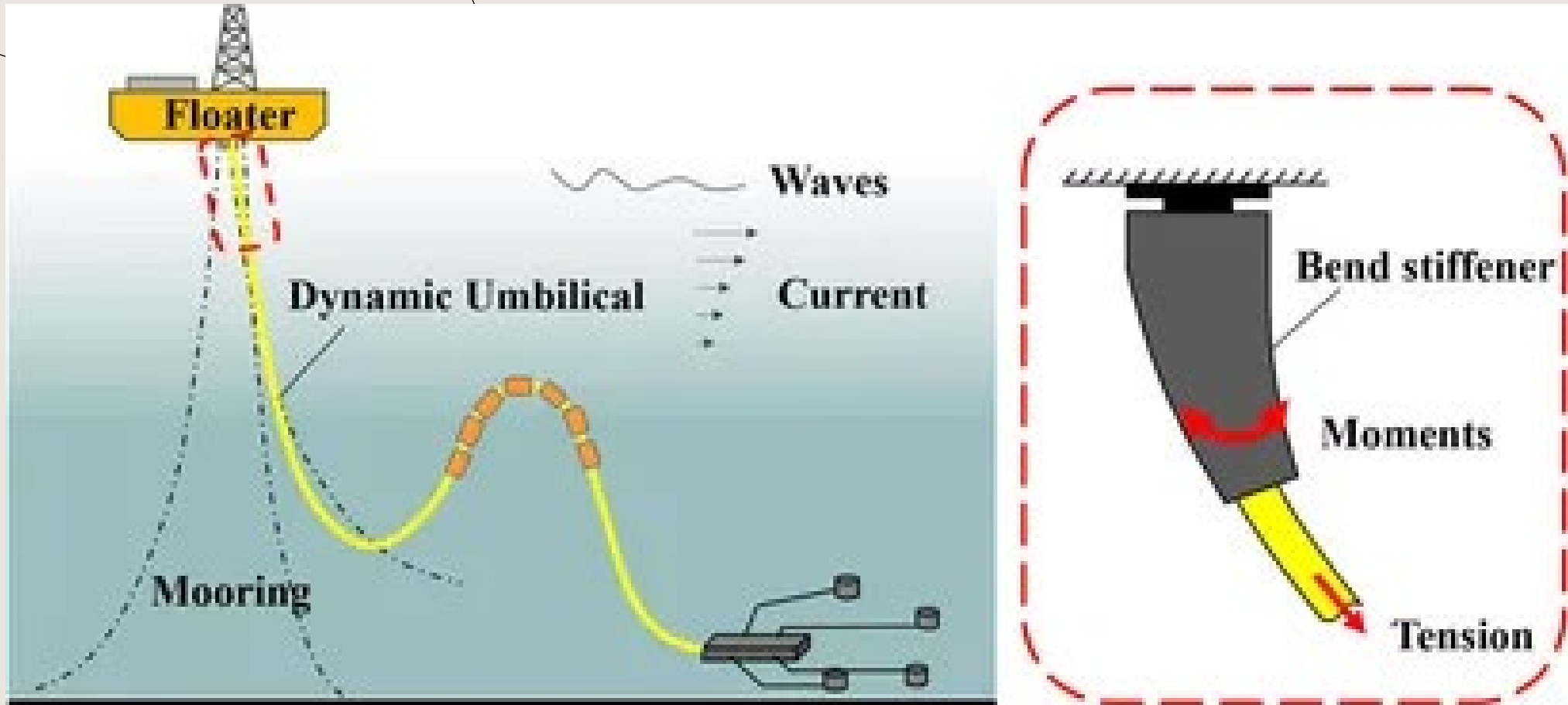


CASE HISTORY

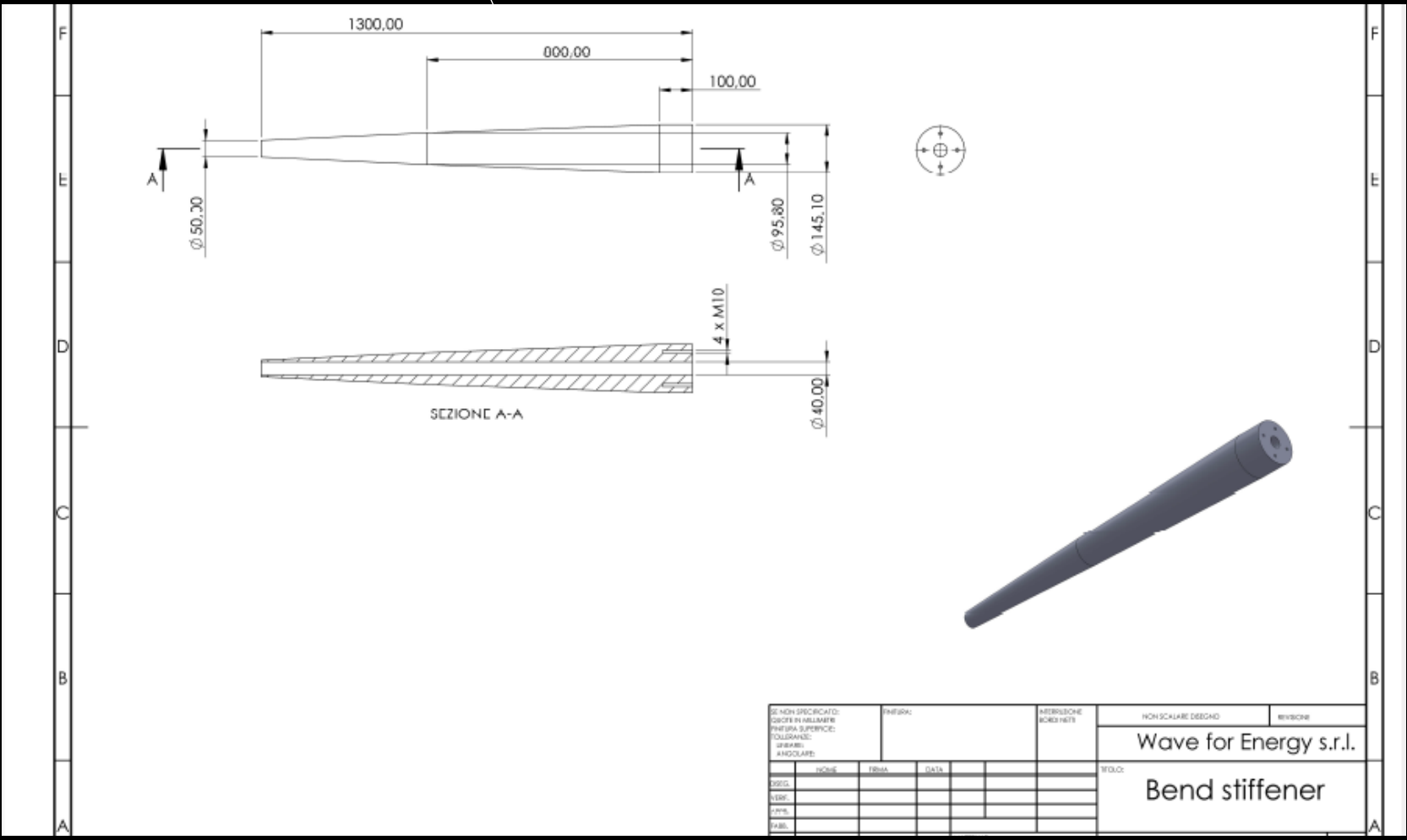
BEND STIFFENER

The starting point has been the idea to improving the flexibility of casing pipes in subsea installation, which led us to the realization of a custom-made Bend Stiffener, to meet the specific request of our customer.

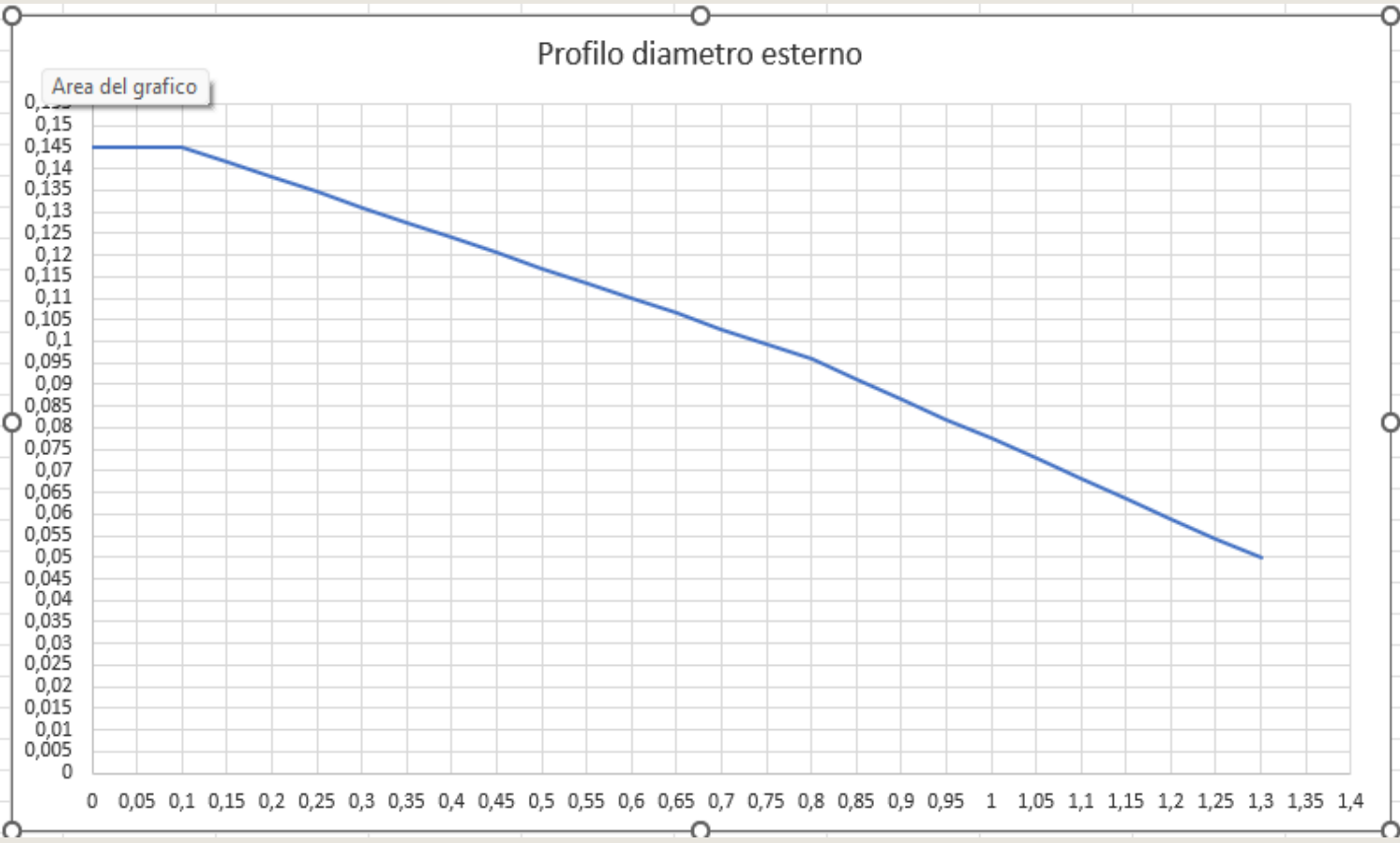
Our team of engineers and technicians worked closely with the customer to better understand their needs and develop a specific solution that met their specific requests. We used our subsea industry experience and state-of-the-art technology to develop a Bend Stiffener which was strong, reliable and easy to manage.



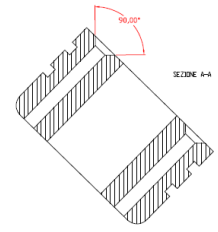
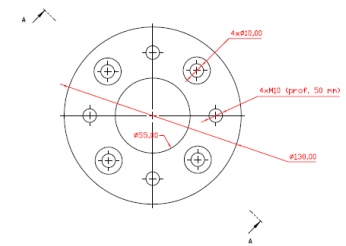
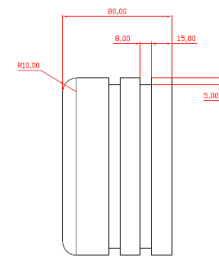
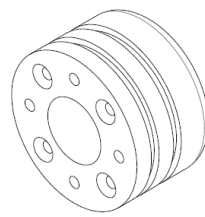
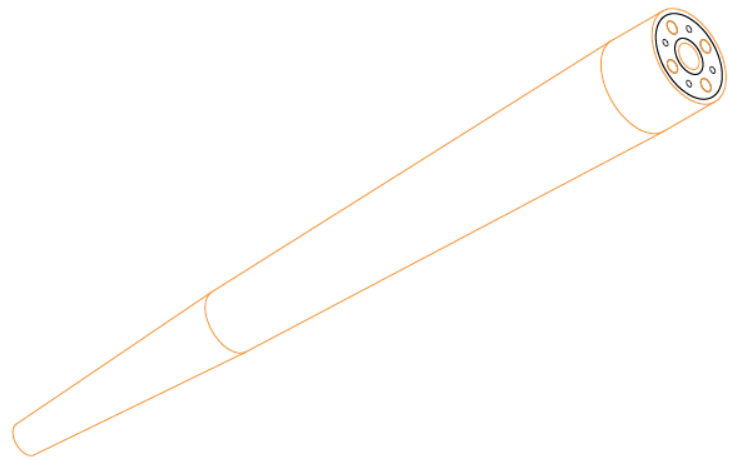
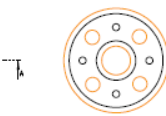
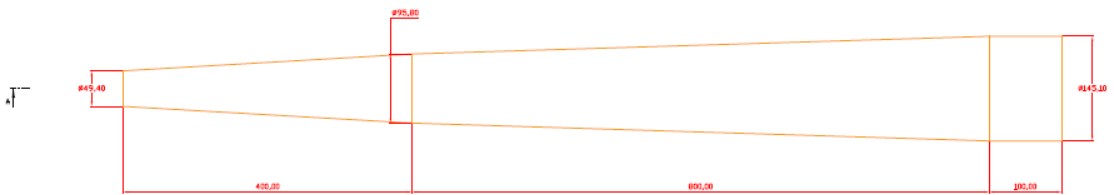
«For one of the ongoing project on the behalf of eni, we need to purchase in a fairly short time n. 3 PUR BEND STIFFENER FOR INSTALLATION ON A SUBSEA CABLE, with the characteristics summarised below and shown in the attached preliminary drawing: length: 1.3 m external diameter: from 145 to 50 mm according to the profile reported in the attached file internal diameter: 40 mm PUR young's modulus: 50 mpa flange connection: DN40 (4 x M12). If the supply is of your interest, we are available for a call/meeting to provide all the necessary details and clarifications»

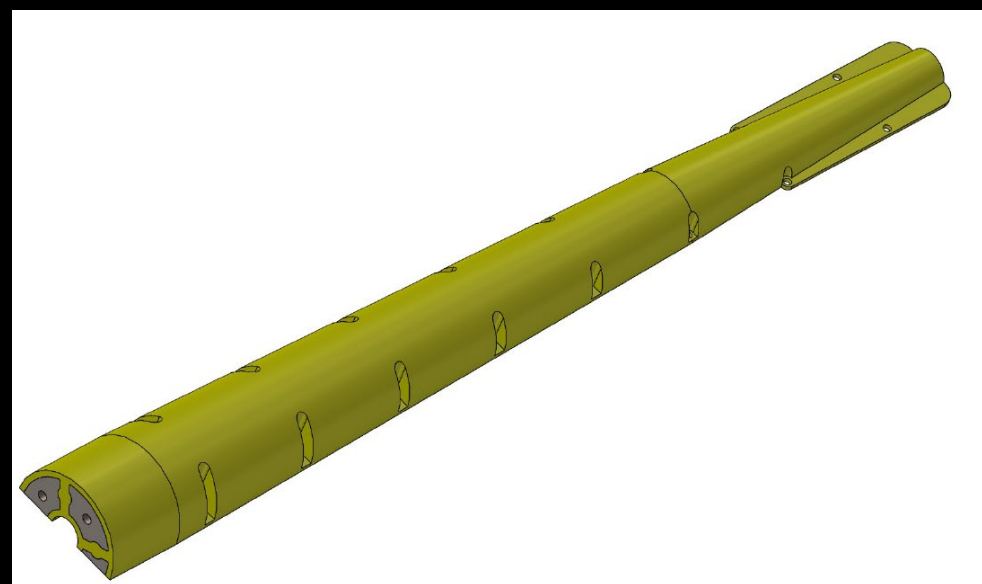
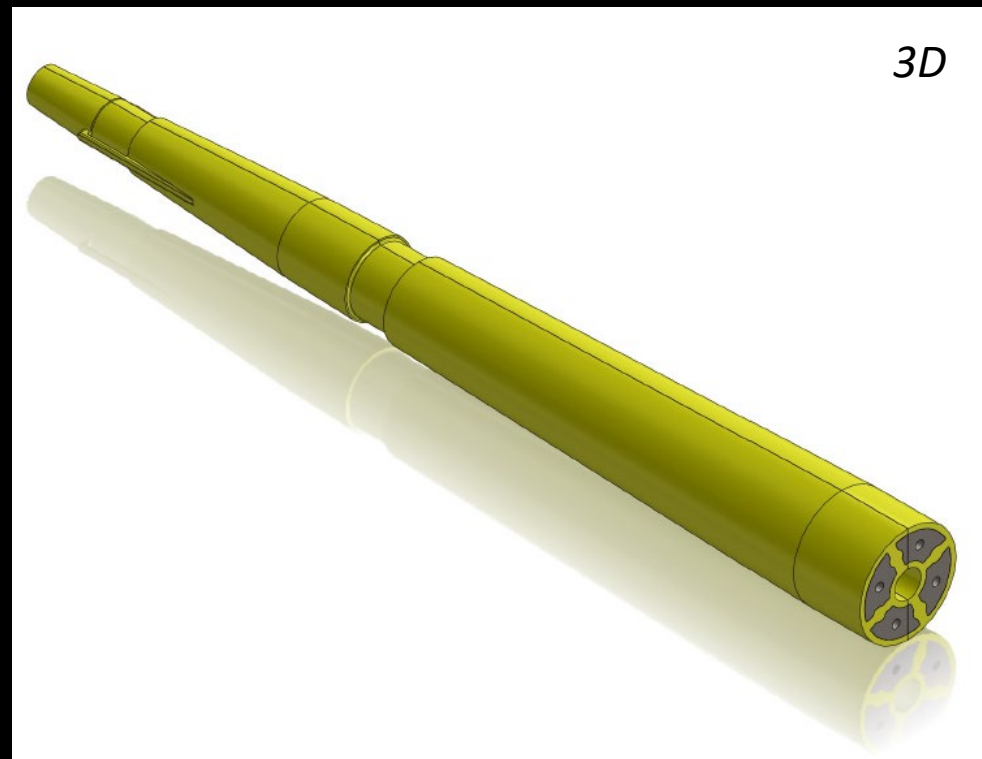
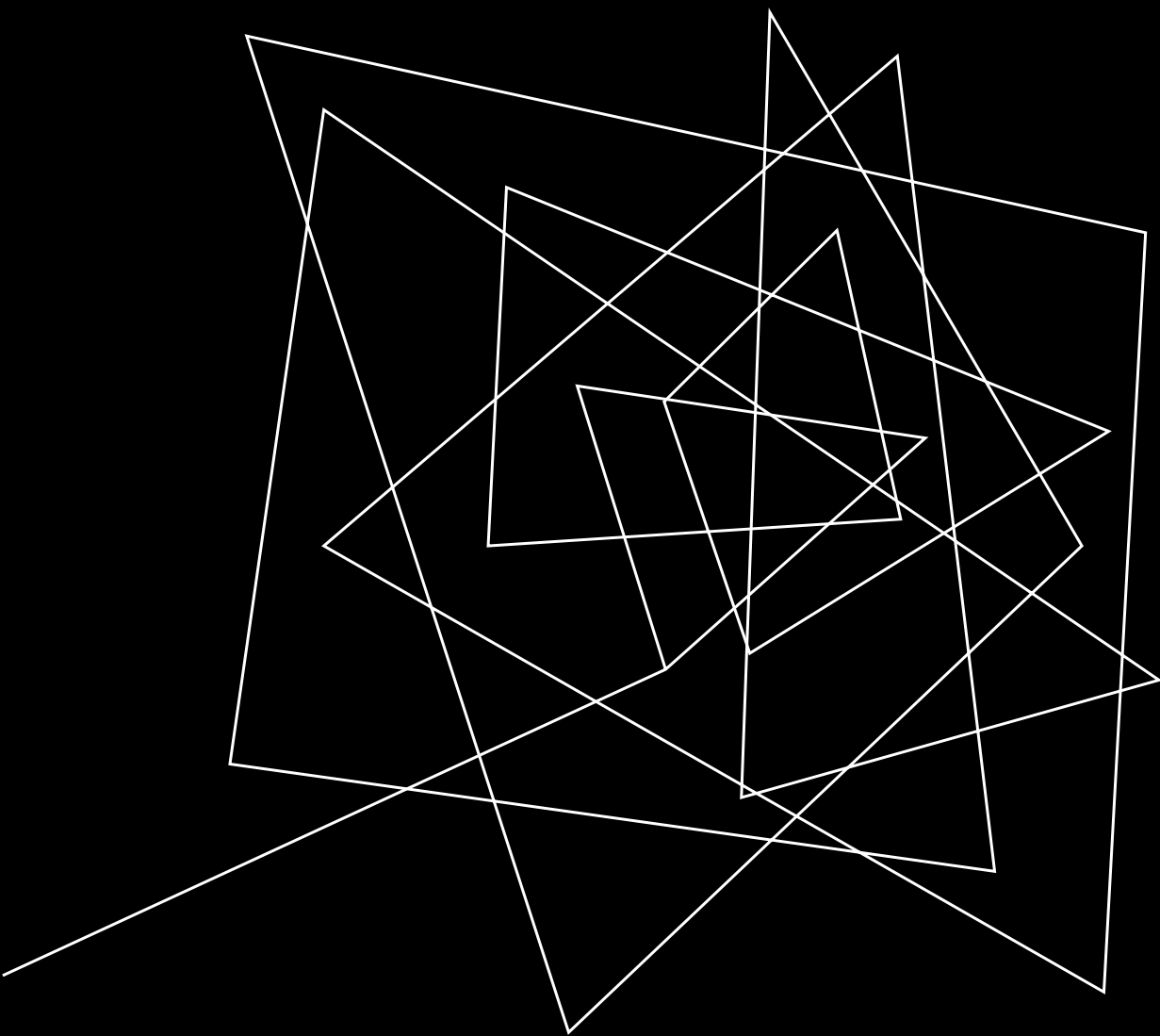


Length	External Ø
(m)	(mm)
0	145,1
0,05	145,1
0,1	145,1
0,15	141,7
0,2	138,1
0,25	134,6
0,3	131,1
0,35	127,6
0,4	124,0
0,45	120,5
0,5	117,0
0,55	113,4
0,6	109,9
0,65	106,4
0,7	102,9
0,75	99,4
0,8	95,8
0,85	91,2
0,9	86,6
0,95	82,0
1	77,4
1,05	72,8
1,1	68,2
1,15	63,6
1,2	59,0
1,25	54,3
1,3	49,4

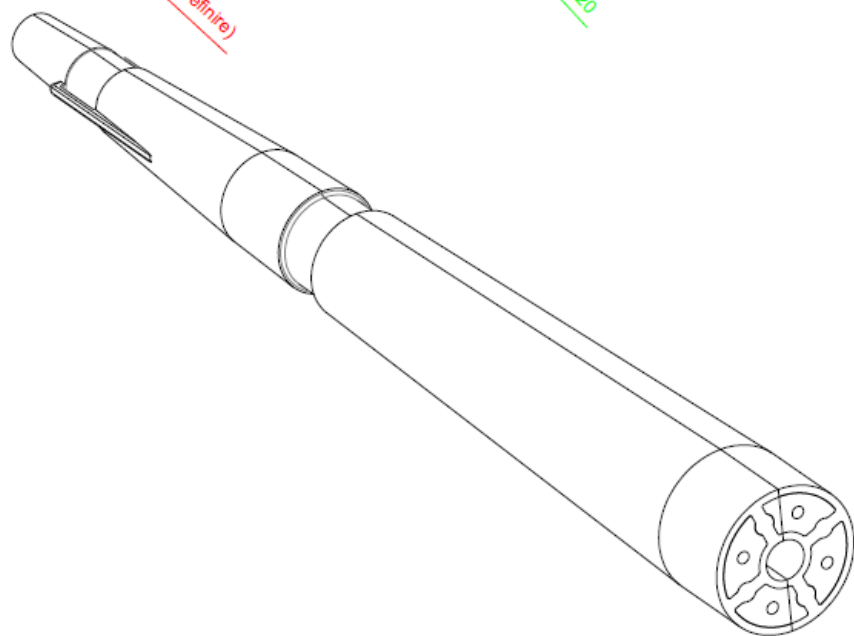
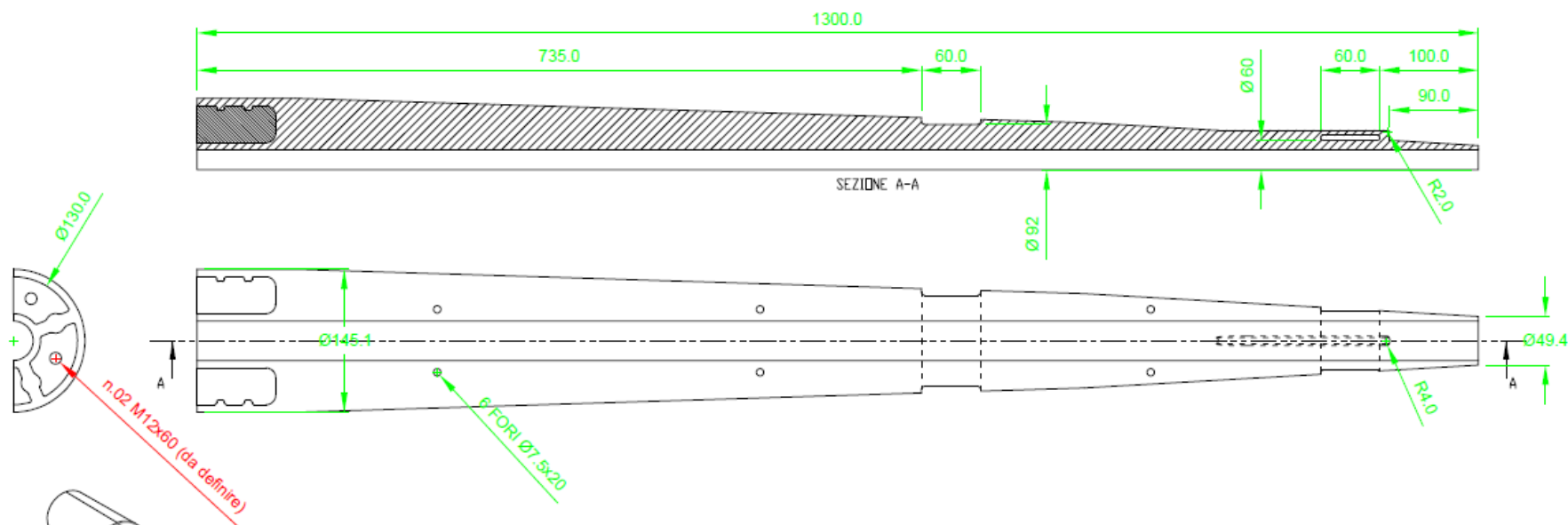


Technical details





Plan



SALVO INDICAZIONI Toll. generali da rispettare: ISO 2768 : 1 & 2 Toll. Generali : m & K Solidature : v Lavori : v Stampi : ISO 8662 Rif. superficiale : ISO 1302 Simboli solidatura : ISO 2253	0	25/03/2022	M	Disegnare documento	
		Data	Autore	Modifiche	
	Cliente WAVE FOR ENERGY srl				Nota d'op. -
	Nome associato Bend stiffener in Adiprene® Pieffe® P167 giallo diviso in 2 metà completo di inserto in acciaio				
	Numero disegno (rifer. off. 420997)				Indice : -
	Fornitura : A3 Scala : 1:1 Unità : mm				Foglio : 1/1



FINAL SOLUTION

After the study phase, together with our customer, we began the production of bend stiffener. We used our state-of-the-art production facilities and our high-quality materials to produce a product that met the customer's requirements. The bend stiffener has been successfully installed on the subsea installation, providing the flexibility needed to guarantee the stability and safety of the system.



The installation of ISWEC (inertial sea wave energy converter), the device developed by ENI, the Polytechnic University of Turin and Wave of Energy, completed off the coast of pantelleria.

