

| Project                                   | Programme        | To CIT             |                     | Total Project | Funding            | Cash to CIT € | Status | Duration |         |   | Notes |
|---|------------------|--------------------|---------------------|---------------|--------------------|---------------|--------|----------|---------|---|-------|
|   |                  | €                  | Value M€            | %             | (approx)           | Start         |        | End      | (Years) |   |       |
| CAMELOT                                   | H2020            | € 254,438          | € 8.020091          | 100%          | € 254,438          | Ongoing       | 2017   | 2020     | 3       |   |       |
| SEDNA                                     | H2020            | € 315,219          | € 6.498752          | 100%          | € 315,219          | Ongoing       | 2017   | 2020     | 3       |   |       |
| ENTROPI                                   | EMFF             | € 140,351          | € 0.743893          | 80%           | € 112,281          | Ongoing       | 2017   | 2020     | 3       | <i>With IMERC. HALPIN lead</i>                                |       |
| ONBOARD                                   | ERASMUS+         | € 44,892           | € 0.344667          | 100%          | € 44,892           | Ongoing       | 2017   | 2019     | 2       |   |       |
| SYNCHRO-NET                               | H2020            | € 398,500          | € 7.554195          | 100%          | € 398,500          | Ongoing       | 2015   | 2018     | 3       | <i>CIT's first H2020 project</i>                              |       |
| EU CISE 2020                              | FP7              | € 186,515          | € 17.000000         | 50%           | € 93,258           | Ongoing       | 2016   | 2018     | 2       |   |       |
| VETPORT                                   | ERASMUS+         | € 51,932           | € 0.450000          | 100%          | € 51,932           | Ending        | 2015   | 2017     | 2       |   |       |
| SEASEARCH (Phase 1)                       | ESA              | € 102,668          | € 1.010111          | 50%           | € 51,334           | Ended         | 2017   | 2017     | 1       |   |       |
| CINMARS                                   | ESA              | € 38,765           | € 0.299931          | 100%          | € 38,765           | Ended         | 2016   | 2017     | 1       | <i>CIT's first ESA project</i>                                |       |
| LEANWIND                                  | FP7              | € 242,800          | € 14.896830         | 77%           | € 186,956          | Ending        | 2013   | 2017     | 4       | <i>FP7's largest Transport project</i>                        |       |
| AEOLUS2                                   | EI Comm Fund     | € 331,431          | € 0.421387          | 100%          | € 331,431          | Ending        | 2016   | 2017     | 1.5     | <i>With TEC/Nimbus. TEC lead.</i>                             |       |
| Client 1                                  | EI Innov Voucher | € 5,000            | € 0.005000          | 100%          | € 5,000            | Ended         | 2017   | 2017     | 0.25    |   |       |
| Dr. Clíodhna Sargent PhD                  | RISAM            | € 36,000           | € 0.036000          | 100%          | € 36,000           | Ended         | 2014   | 2017     | 3       | <i>With Dept. of Biochemistry, CIT. Biochemistry lead.</i>    |       |
| Dr. Rob Brown, Canada Ireland Scholarship | ICUF             | € 7,200            | € 0.007200          | 100%          | € 7,200            | Ended         | 2017   | 2017     | 0.1     |   |       |
| ARCOPOL-PLATFORM                          | INTERREG AA      | € 92,312           | € 1.584989          | 65%           | € 60,003           | Ended         | 2015   | 2016     | 1       |   |       |
| DARIUS                                    | FP7              | € 241,032          | € 10.661131         | 78%           | € 188,005          | Ended         | 2012   | 2015     | 4       | <i>With Dept. Computing. HALPIN lead</i>                      |       |
| PERSEUS                                   | FP7              | € 278,862          | € 43.700000         | 72%           | € 200,781          | Ended         | 2011   | 2015     | 4       | <i>With Dept. Computing. HALPIN lead</i>                      |       |
| EU CISE COOP                              | FP7              | € 59,589           | € 0.500000          | 73%           | € 43,500           | Ended         | 2013   | 2015     | 2       |   |       |
| AEOLUS1                                   | SEAI             | € 82,582           | € 0.080000          | 100%          | € 82,582           | Ended         | 2015   | 2015     | 1       | <i>With TEC/Nimbus. HALPIN lead.</i>                          |       |
| NETMAR                                    | INTERREG AA      | € 130,500          | € 2.809707          | 65%           | € 84,825           | Ended         | 2012   | 2015     | 3       |   |       |
| AUXNAVILIA+                               | INTERREG AA      | € 156,308          | € 1.977729          | 65%           | € 101,600          | Ended         | 2013   | 2015     | 3       |   |       |
| REMCAP                                    | FP7              | € 199,700          | € 2.065975          | 89%           | € 177,733          | Ended         | 2012   | 2015     | 4       | <i>With School of Business, CIT &amp; IMERC. HALPIN lead.</i> |       |
| SECILE                                    | FP7              | € 28,830           | € 0.811000          | 89%           | € 25,659           | Ended         | 2013   | 2015     | 2       |   |       |
| Commercial Feasibility Study              | Commercial       | € 9,500            | € 0.009500          | 100%          | € 9,500            | Ended         | 2015   | 2015     | 0.25    |   |       |
| Client 2                                  | EI Innov Voucher | € 5,000            | € 0.005000          | 100%          | € 5,000            | Ended         | 2014   | 2014     | 0.25    | <i>With Nimbus, CIT. Nimbus lead.</i>                         |       |
| ARCOPOL+                                  | INTERREG AA      | € 168,800          | € 1.920215          | 65%           | € 109,720          | Ended         | 2012   | 2014     | 2       |   |       |
| SMACs                                     | INTERREG NPP     | € 273,841          | € 0.954168          | 65%           | € 177,997          | Ended         | 2012   | 2014     | 2       | <i>With Nimbus, CIT. Nimbus lead.</i>                         |       |
| ATLANTIC POWER CLUSTER                    | INTERREG AA      | € 200,000          | € 3.020000          | 65%           | € 130,000          | Ended         | 2012   | 2013     | 2       | <i>Proposal by CIT Research Office</i>                        |       |
| MARLEANET                                 | INTERREG AA      | € 370,000          | € 2.261005          | 65%           | € 240,500          | Ended         | 2010   | 2013     | 4       |   |       |
| IMPACT                                    | Leonardo         | € 43,790           | € 0.300000          | 85%           | € 37,222           | Ended         | 2012   | 2013     | 1       |   |       |
| MARTEL+                                   | Leonardo         | € 33,615           | € 0.300000          | 85%           | € 28,573           | Ended         | 2012   | 2013     | 1       |   |       |
| MARTINS                                   | INTERREG IVB     | € 230,659          | ?                   | 65%           | € 149,928          | Ended         | 2008   | 2011     | 3.5     | <i>Pre-HALPIN, NMCI Maritime Studies staff project</i>        |       |
| Maritime Education Platform MEP           | Leonardo         | € 37,232           | ?                   | 85%           | € 31,647           | Ended         | 2008   | 2010     | 2       | <i>Pre-HALPIN, NMCI Maritime Studies staff project</i>        |       |
| MARENG+                                   | Leonardo         | € 16,895           | ?                   | 85%           | € 14,361           | Ended         | 2008   | 2010     | 2       | <i>Pre-HALPIN, NMCI Maritime Studies staff project</i>        |       |
| MariComp                                  | Leonardo         | € 50,379           | ?                   | 85%           | € 42,822           | Ended         | 2008   | 2010     | 2       | <i>Pre-HALPIN, NMCI Maritime Studies staff project</i>        |       |
| e-MARLANG                                 | Leonardo         | € 50,448           | ?                   | 85%           | € 42,881           | Ended         | 2008   | 2008     | 1       | <i>Pre-HALPIN, NMCI Maritime Studies staff project</i>        |       |
| <b>36</b>                                 |                  | <b>€ 4,915,585</b> | <b>€ 130.248476</b> |               | <b>€ 3,912,043</b> |               |        |          |         |   |       |