

|          | Note teme laborator |          |     |         |              |    | S3                   | S3                 | S4               | S4             | S5                       | S6                       | S7             | S8                | S10                   |                 |
|----------|---------------------|----------|-----|---------|--------------|----|----------------------|--------------------|------------------|----------------|--------------------------|--------------------------|----------------|-------------------|-----------------------|-----------------|
|          |                     |          |     |         |              |    | L1-Java<br>(domeniu) | L1-C#<br>(domeniu) | L1(rep<br>oJava) | L1(Rep<br>oC#) | L2<br>(GUI-Lim<br>baj 1) | L2<br>(GUI-Lim<br>baj 2) | L3<br>(Net-L1) | L3<br>(Net-2)     | L4<br>(CrossPlatform) | Thrift/<br>gRPC |
| CodUnic  | TL1                 | TL2      | TL3 | TL4     | Medie<br>-TL |    |                      |                    |                  |                |                          |                          |                |                   |                       |                 |
| 6Y131930 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 6                     | 9               |
| 6Y136892 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 10              |
| 6Y138363 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 8              | 10                       | 10                       | 10             | 10                | inceput-S10 (Proto)   |                 |
| 6Y132793 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 10                 | 10               | 6              | 7                        | 10                       |                | inceput-s9 (Java) |                       |                 |
| 6Y132301 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9                 | 10                    | 0.25            |
| 6Y129790 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 10              |
| 6Y128997 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 10              |
| 6Y132516 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |
| 6Y138507 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 10                 | 8                | 4              | 7                        | 10                       | 9-update       |                   |                       |                 |
| 6Y130363 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 6              | 9                 | 9                     |                 |
| 6Y131532 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 7              | 10                | 10                    | 0.25            |
| 6Y141023 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 6              | inceput-s9        |                       |                 |
| 6Y128359 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    |                 |
| 5Y116699 | 10                  | 10       |     |         | 5            |    |                      |                    |                  |                |                          |                          |                |                   |                       |                 |
| 6Y140140 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 8              | 10                       | 10                       | 10             | 10                | 10                    | 10              |
| 5Y110234 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 7                | 6              | 8                        | 7                        |                | inceput-s9 (C#)   |                       |                 |
| 5Y116767 | 10                  | 10       | 10  |         | 7.5          | a  | a                    |                    |                  |                |                          |                          |                |                   |                       |                 |
| 4Y113304 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | inceput-s7     | inceput-s8 (C#)   |                       |                 |
| 6Y130260 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 10              |
| 6Y138107 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 9                        | 10                       | 9              | inceput s8        |                       |                 |
| 6Y138711 | 10                  | 10       | 10  | 7       | 9.25         | 10 | 10                   | 10                 | 9                | 10             | 10                       | 9                        | 10             | 10                | 10                    | 10              |
| 6Y131527 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 9                | 9              | 7                        | 7                        | inceput-s7     |                   |                       |                 |
| 6Y130428 | 10                  | 10       | 10  | 1       | 7.75         | 10 | 10                   | 10                 | 10               | 10             | 7                        | 10                       | 10             | 10                | 10                    | 10              |
| 6Y133635 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 10                | inceput s 10          |                 |
| 6Y132596 | 10                  | 10       | 10  | 1       | 7.75         | 10 | 10                   | 10                 | 9                | 8              | 9                        | 8                        | 8              | 9                 | inceput               |                 |
| 6Y140375 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 9                | 7              | 7                        | 10                       | 6              |                   |                       |                 |
| 6Y132968 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 7                 | inceput               |                 |
| 6Y133228 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 9                     |                 |
| 6Y138927 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |
| 6Y134337 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |
| 6Y128570 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 9                 | 10                    |                 |
| 6Y135984 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 9                        | 10             | 10                |                       |                 |
| 5Y109486 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |
| 5Y116879 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 10             | 10                |                       |                 |
| 5Y112855 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             |                   |                       |                 |
| 6Y138883 | 10                  | inceput? |     | 10      | 5            | 7  | 7                    | inceput            | inceput          | 10 (java)      |                          | inceput-s7               |                |                   |                       |                 |
| 6Y130707 | 10                  | a        |     | 10      | 5            |    |                      |                    |                  |                |                          |                          |                |                   |                       |                 |
| 6Y129820 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 10                 | inceput          |                |                          |                          |                |                   |                       |                 |
| 6Y133862 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9                 | 9                     |                 |
| 6Y136669 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9                 | inceput-S10 (Proto)   |                 |
| 6Y129999 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 10                | 9                     |                 |
| 6Y136643 | 10                  | 10       | 10  | inceput | 7.5          | 10 | 10                   | inceput            | inceput          |                |                          |                          | inceput-s10(J  |                   | inceput-s10           |                 |
| 6Y137948 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |
| 6Y130647 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 10                 | 4                | 8              | 6                        | inceput-s8               | inceput-s8     |                   |                       |                 |
| 6Y134513 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 7                 | 9                     |                 |
| 6Y129394 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 9                  | 7                | 9              | 9                        | 7                        | inceput-s8     |                   |                       |                 |
| 6Y134369 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 9                  | 9                | 7              | 9                        | 7                        | 8              |                   | inceput-s10 (JSON)    |                 |
| 6Y130900 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 8                  | 8                | 9              | 10                       | inceput-s7               | 7              |                   | inceput-s10 (JSON)    |                 |
| 4Y117101 | 10                  | 10       | a   |         | 5            | 0  | 0                    | 1                  | 1                | 4              | 7                        | 7                        | 7              |                   | inceput-s8 (J         |                 |
| 4Y119136 | 10                  | 10       | a   |         | 5            | a  | a                    | a                  | a                |                |                          |                          |                |                   |                       |                 |
| 4Y115172 | 10                  | 10       | a   |         | 5            | a  | a                    | a                  | a                |                | 1                        |                          | 7              | inceput-S8 (C#)   |                       |                 |
| 2Y103009 | a                   |          | 10  | 10      | 7.5          | 10 | 10                   | 10                 | 10               | 9              | 9                        | 6                        | 6              | inceput-s8 (C#)   |                       |                 |
| 6Y129719 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 8                 | 10                    | 0.25            |
| 6Y132162 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 9                        | 9              | 9                 |                       |                 |
| 6Y133021 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 9                        | 8              | 7                 | inceput-S10 (grpc)    |                 |
| 6Y129386 | a                   |          | 10  | 10      | 7.5          | 10 | 10                   | 9                  | 7                | 10             | 10                       | inceput-s7               | 10             |                   | 9                     |                 |
| 6Y129921 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   |                    |                  |                |                          |                          |                |                   |                       |                 |
| 6Y133200 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 6                | 10             | 9                        | 7                        | inceput-s8 (J  |                   | inceput-S10 (grpc)    |                 |
| 6Y136143 | 10                  | 10       | 10  | inceput | 7.5          | 10 | 10                   | 10                 | 10               | 8              | 9                        | 9                        | 8              | inceput-S8 (J     |                       | inceput-s10     |
| 6Y139577 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 8              | 9                 | 10                    | 0.25            |
| 6Y135428 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |
| 6Y136687 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 10                | 10                    |                 |
| 6Y128964 | 10                  | 10       | 10  |         | 7.5          | 10 | 10                   | 10                 | 8                | 9              | 9                        | 6                        | inceput-s8 (C  |                   | inceput-S10           |                 |
| 4Y112045 | 10                  | a        | a   |         | 2.5          |    |                      |                    |                  |                |                          |                          |                |                   |                       |                 |
| 3Y115618 | a                   | a        |     |         | 0            |    |                      |                    |                  |                |                          |                          |                |                   |                       |                 |
| 2Y98352  | 10                  | a        |     |         | 2.5          |    |                      |                    |                  |                |                          |                          |                |                   |                       |                 |
| 6Y137864 | 10                  | 10       | 10  | 10      | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10                | 10                    | 0.25            |

|          | Note teme laborator |     |     |          |              |             | S3                   | S3                 | S4               | S4             | S5                       | S6                       | S7               | S8               | S10                   |                 |
|----------|---------------------|-----|-----|----------|--------------|-------------|----------------------|--------------------|------------------|----------------|--------------------------|--------------------------|------------------|------------------|-----------------------|-----------------|
|          |                     |     |     |          |              |             | L1-Java<br>(domeniu) | L1-C#<br>(domeniu) | L1(rep<br>oJava) | L1(Rep<br>oC#) | L2<br>(GUI-Lim<br>baj 1) | L2<br>(GUI-Lim<br>baj 2) | L3<br>(Net-L1)   | L3<br>(Net-2)    | L4<br>(CrossPlatform) | Thrift/<br>gRPC |
| CodUnic  | TL1                 | TL2 | TL3 | TL4      | Medie<br>-TL |             |                      |                    |                  |                |                          |                          |                  |                  |                       |                 |
| 5Y114411 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 9                | 9              | 9                        | 10                       | 7                | inceptut-S10     | inceptut-S10          |                 |
| 6Y128275 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y129314 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 7              | 9                        | 8                        | inceptut-S7      | inceptut-s8      | inceptut-S10          |                 |
| 6Y132023 | 10                  | 10  | 10  | 10       | 7.5          | 10          | 10                   | 10                 | 5                | 4              | 6                        | 4                        | inceptut-s7      | inceptut-s8      |                       |                 |
| 6Y135396 | a                   | 10  | 10  | 10       | 7.5          | 10          | 10                   | 10                 | 10               | 10             | 10                       | 9                        | 8                | 8                | 10                    | 0.25            |
| 6Y139688 | 10                  | m   | 10  | 10       | 7.5          | 10          | 8                    | 8                  | 3                | 5              | 7                        | inceptut-s7              | inceptut-s8      | inceptut-S10     |                       |                 |
| 6Y140734 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y135647 | 10                  | 10  | 10  | 10       | 7.5          | 10          | 10                   | 10                 | 9                | 9              | 10                       | 10                       | 10               | 10               | 10                    |                 |
| 6Y140396 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 8                | inceptut-s8 (C   | inceptut-s10(proto)   |                 |
| 6Y134602 | 10                  | 10  | 10  | inceptut | 7.5          | 10          | 10                   | 8                  | 8                | 5              | 3                        | inceptut-s8              | inceptut-s9      |                  |                       |                 |
| 6Y139784 | 10                  | 10  | 0   | 10       | 7.5          | 10          | 10                   | 9                  | inceptut         | 7              | 10                       | 10                       | 9                | 10               | 9                     |                 |
| 6Y139663 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9                | 10               | 9                     |                 |
| 6Y129831 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y139034 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 5Y115027 | 10                  | 0   | a   | a        | 2.5          | 10          | 10                   | 9                  | 9                | 9              | 10                       | 10                       | 10               | 4                | inceptut-s10          |                 |
| 6Y131548 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    |                 |
| 6Y128732 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9                | 9                | inceptut-S10          |                 |
| 6Y130784 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y142794 | 10                  | 10  | 10  | 10       | 7.5          | 10          | 10                   | 10                 | 8                | 9              | 9                        | 7                        | inceptut-s8 (J   | inceptut-S10     |                       |                 |
| 6Y132854 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y132570 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 9                | 10                    |                 |
| 6Y133120 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 9                  | 9                | 9              | 10                       | 9                        | 9                | 9                | 9                     |                 |
| 6Y131824 | 10                  | 10  | 10  | 10       | 7.5          | 10          | 10                   | 9                  | 9                | 7              | 7                        | 9                        | 9                | 9                | 9                     |                 |
| 6Y129149 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9                | inceptut-s8      |                       |                 |
| 6Y130940 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y138136 | 10                  | 10  | 10  | 10       | 7.5          | 10          | 10                   | 9                  | 9                | 9              | 9                        | 9                        | 9                | 9                | 9                     |                 |
| 6Y128958 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 8                | 9              | 9                        | 9                        | 9                | 9                | inceptut-S10          |                 |
| 6Y134648 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 8                | 10             | 10                       | 10                       | 10               | 9                | 10                    |                 |
| 6Y132111 | 10                  | 10  | 10  | inceptut | 7.5          | 10          | 10                   | 10                 | 6                | 9              | 9                        | 7                        | inceptut-s8 (C#) |                  |                       |                 |
| 6Y136366 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y139583 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y138876 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 7                | 10                    |                 |
| 6Y132659 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    |                 |
| 6Y131584 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9                | 8                | inceptut-s10(proto)   |                 |
| 6Y130915 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | inceptut-s7      |                  | inceptut s10          |                 |
| 6Y137922 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 10               | 8                | 10                    | 0.25            |
| 6Y134506 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y132109 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 9                | inceptut-s10(proto)   |                 |
| 6Y142750 | 10                  | 10  | 10  | 0        | 7.5          | 10          | 10                   | 7                  | 7                | 9              | 8                        | inceptut-s7              | inceptut-s8 (C   | inceptut s10     |                       |                 |
| 6Y138602 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 9                | 10             | 10                       | 10                       | 8                | 8                | 9                     |                 |
| 6Y136578 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 9               |
| 6Y142677 | 10                  | 10  | 10  | 10       | 7.5          | 10          | 10                   | 10                 | 10               | 10             | 10                       | 9                        | inceptut-S7      | inceptut-S8 (C#) |                       |                 |
| 2Y109047 | 10                  | a   | 0   | 0        | 2.5          |             |                      |                    |                  |                |                          |                          |                  |                  |                       |                 |
| 2Y104582 | 10                  | 10  | 0   | 0        | 5            | inceptut-S4 |                      |                    |                  |                |                          |                          |                  |                  |                       |                 |
| 5Y114189 | 10                  | a   | 8   | 8        | 4.5          | 9           | 9                    | 3                  | 3                | inceptut       | 7                        | 10                       |                  |                  |                       |                 |
| 6Y134018 | 10                  | 10  | 10  | 9        | 9.75         | 10          | 10                   | 10                 | 10               | 10             | 9                        | 9                        | 9                | 9                | 10                    | 0.25            |
| 6Y135514 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | a                     |                 |
| 6Y128705 | a                   | 10  | 10  | 10       | 7.5          | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    |                 |
| 6Y132362 | 10                  | 10  | 10  | 9        | 9.75         | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 9               |
| 6Y130913 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 9                  | 9                | 9              | 9                        | 8                        | 8                | 8                | -1                    |                 |
| 6Y138517 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 9                | 10             | 6                        | 6                        | 9                | 9                | -1                    |                 |
| 6Y134241 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y138867 | 10                  | 10  | 10  | 9        | 9.75         | 10          | 10                   | 9                  | 9                | 9              | 9                        | 7                        | -3               | -1               | -1                    |                 |
| 6Y134075 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    |                 |
| 6Y140671 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 9                     |                 |
| 6Y131989 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9                | 10               | 9                     |                 |
| 6Y128519 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 9                | 10             | 10                       | 10                       | 8                | -3               | a                     |                 |
| 6Y130314 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9                | 10               | 9                     |                 |
| 6Y139763 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    | 0.25            |
| 6Y139670 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               | 10                    |                 |
| 6Y133263 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 9              | 9                        | 10                       | 8                | 8                | -1                    |                 |
| 6Y130829 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 9                  | 9                | 10             | 10                       | 9                        | 10               | 10               | 9                     |                 |
| 6Y138028 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 9                | 10                    |                 |
| 6Y134008 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 8                | 8              | 8                        | -3                       | -2               | -1               | -1                    |                 |
| 6Y140936 | 10                  | 10  | no  | 10       | 7.5          | 7           | 7                    | 8.5                | 1                | 0              | 0                        | -4                       | -3               | -3               |                       |                 |
| 6Y138298 | 10                  | 10  | no  | no       | 5            | 0           | 0                    | 1                  | 1                | 4              | 5                        | -3                       | -3               | -3               |                       |                 |
| 6Y131613 | 10                  | 10  | 10  | 10       | 10           | 10          | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10               | 10               |                       |                 |

|          | Note teme laborator |     |     |     |              |    | S3                   | S3                 | S4               | S4             | S5                       | S6                       | S7             | S8            | S10                   |                  |
|----------|---------------------|-----|-----|-----|--------------|----|----------------------|--------------------|------------------|----------------|--------------------------|--------------------------|----------------|---------------|-----------------------|------------------|
|          |                     |     |     |     |              |    | L1-Java<br>(domeniu) | L1-C#<br>(domeniu) | L1(rep<br>oJava) | L1(Rep<br>oC#) | L2<br>(GUI-Lim<br>baj 1) | L2<br>(GUI-Lim<br>baj 2) | L3<br>(Net-L1) | L3<br>(Net-2) | L4<br>(CrossPlatform) | Thrifty/<br>gRPC |
| CodUnic  | TL1                 | TL2 | TL3 | TL4 | Medie<br>-TL |    |                      |                    |                  |                |                          |                          |                |               |                       |                  |
| 6Y129637 | 10                  | 10  | 10  | 8   | 9.5          | 10 | 10                   | 10                 | 10               | 9              | 10                       | 9                        | 9              | 9             | 9                     |                  |
| 6Y133832 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9             | 10                    |                  |
| 6Y130437 | 10                  | 10  | 10  | no  | 7.5          | 10 | 10                   | 10                 | 10               | 10             | 9                        | 9                        | 7              | -3            | -1                    |                  |
| 6Y131888 | 10                  | 10  | no  | 10  | 7.5          | 10 | 10                   | 10                 | 9                | 10             | 9                        | 9                        | 8              | 8             | inceput s10           |                  |
| 6Y132252 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 9                        | 10                       | 8              | 8             |                       |                  |
| 5Y115723 | 10                  | 10  | 0   | 0   | 5            | 9  | 8                    | 10                 | 8                | 8              | 8                        | 7                        | 7              | 8             | -1                    |                  |
| 6Y129366 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y128386 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 7             | -1                    |                  |
| 6Y140857 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 9                        | 9                        | 9              | 5             | -1                    |                  |
| 6Y132071 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | -3                    |                  |
| 6Y132838 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 8              | 10                       | 10                       | 10             | 10            | m                     |                  |
| 6Y138476 | 10                  | 10  | 10  | 0   | 7.5          | 10 | 10                   | 10                 | 10               | 9              | 9                        | 9                        | 8              | 8             | -1                    |                  |
| 6Y132781 | 10                  | 10  | 10  | 0   | 7.5          | 7  | 7                    | 0                  | 0                | 0              | 0                        | 0                        | 0              | -6            |                       |                  |
| 6Y129224 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    |                  |
| 6Y139717 | 10                  | 10  | 10  | 9   | 9.75         | 10 | 10                   | 10                 | 10               | 8              | 8                        | 9                        | 8              | 9             | 9                     |                  |
| 6Y145062 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 0                | 0              | 0                        | 0                        | 7              | -3            | -1                    |                  |
| 6Y137167 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9             | 10                    | 0.25             |
| 6Y137701 | 10                  | 10  | 10  | 9   | 9.75         | 10 | 10                   | 10                 | 10               | 10             | 10                       | 7                        | 8              | 8             | -1                    |                  |
| 6Y129505 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 9                        | 10                       | 9              | 8             | -1                    |                  |
| 6Y137795 | 10                  | 10  | 10  | 8   | 9.5          | 10 | 10                   | 7                  | 7                | 9              | 7                        | 7                        | -3             | -3            |                       |                  |
| 6Y130571 | 10                  | 10  | 10  | 9   | 9.75         | 10 | 10                   | 10                 | 10               | 10             | 10                       | 9                        | 8              | -3            | -1                    |                  |
| 6Y138721 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 9                | 9              | 9                        | 7                        | 8              | inceput s10   |                       |                  |
| 6Y129483 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 9                     |                  |
| 6Y130914 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 7              | 9             | -3                    |                  |
| 6Y132091 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 10            | 10                    | 0.25             |
| 6Y138324 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 9                |
| 6Y133736 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 9                | 9              | 6                        | 7                        | -3 (predat s   | 10            | inceput s10           |                  |
| 6Y133971 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y129447 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y135583 | a                   | 10  | 10  | 10  | 7.5          | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y128604 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 9              | 10            | -1                    |                  |
| 6Y132789 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 9                |
| 6Y129051 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y130611 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 9                |
| 6Y130513 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9.5            | 10            | 9                     |                  |
| Zz46Bfm3 | 10                  | 10  | 10  | 10  | 10           | 10 | 7                    | 9                  | 8                | 10             | 10                       | 8                        | -3             | -1            |                       |                  |
| 6Y131516 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 7                | 7              | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y139030 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y138756 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 9             | 10                    | 0.25             |
| 6Y140300 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 9                     |                  |
| 5Y111690 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            |                       |                  |
| 6Y128694 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 10             | 9             | 9                     |                  |
| 6Y130803 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y136510 | 10                  | 10  | 10  | 0   | 7.5          | 10 | 10                   | 10                 | 10               | 7              | 9                        | 8                        | 8              | inceput s10   |                       |                  |
| 6Y135661 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y140175 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y133726 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 10             | 9             | inceput s10           |                  |
| 6Y132881 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 9                        | 10                       | 8              | 8             | 10                    | 0.25             |
| Gy82BoRa | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 9                |                |                          |                          |                |               |                       |                  |
| 4Y109313 | 10                  | 10  | 0   | 0   | 5            | 10 | 10                   | 10                 | 7                | 4              | 10                       | 10                       | 7              | 0             | 9                     |                  |
| 4Y110191 | a                   | 10  | 10  | 0   | 5            | 10 | 10                   | 5                  |                  |                | inceput                  |                          |                |               |                       |                  |
| 6Y138770 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y133475 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 9                        | 9                        | 9              | 10            | 10                    |                  |
| 2Y109234 | 0                   | 0   | 0   | 0   | 0            | 0  | 0                    | 0                  | 0                | 0              | 0                        | 0                        | -9             | -6            | -3                    |                  |
| 6Y129161 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y139567 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 7              | -3            | -1                    |                  |
| 6Y131858 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 9                     |                  |
| 6Y136241 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y133772 | 10                  | 10  | 10  | 9   | 9.75         | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    |                  |
| 6Y130691 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 9                | 9              | 9                        | 10                       | 7              | -3            | -1                    |                  |
| 6Y131656 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25             |
| 6Y138045 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9             | 10                    | 0.25             |
| 6Y129561 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | a                     |                  |
| 6Y128382 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 9                     |                  |
| 6Y130158 | 0                   | 10  | 10  | 10  | 7.5          | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    |                  |
| 6Y128314 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 9              | 10                       | 10                       | 10             | 9             | 9                     |                  |
| 6Y130311 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 9                | 4              | 8                        | 6                        | inceput s8     |               |                       |                  |
| 6Y133041 | 10                  | 10  | 10  | 10  | 10           | 10 | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 9                     |                  |

| Note teme laborator |     |     |     |     |              | S3                   | S3                 | S4               | S4             | S5                       | S6                       | S7             | S8            | S10                   |                 |
|---------------------|-----|-----|-----|-----|--------------|----------------------|--------------------|------------------|----------------|--------------------------|--------------------------|----------------|---------------|-----------------------|-----------------|
| CodUnic             | TL1 | TL2 | TL3 | TL4 | Medie<br>-TL | L1-Java<br>(domeniu) | L1-C#<br>(domeniu) | L1(rep<br>oJava) | L1(Rep<br>oC#) | L2<br>(GUI-Li<br>mbaj 1) | L2<br>(GUI-Lim<br>baj 2) | L3<br>(Net-L1) | L3 (Net-2)    | L4<br>(CrossPlatform) | Thrift/<br>gRPC |
| 6Y130173            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25            |
| 6Y129964            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 9             | 8                     | 9               |
| 6Y129789            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25            |
| 6Y128575            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25            |
| 6Y133621            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 7                     |                 |
| 6Y132093            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 10             | 10            | 10                    | 0.25            |
| 6Y137278            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 7                        | 9                        | 9              | 8             | 9                     |                 |
| 6Y130749            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 8                | 10             | 10                       | 10                       | 10             | inceput s8+S9 |                       |                 |
| 6Y133357            | 10  | 10  | 10  | 10  | 10           | 10                   | 10                 | 10               | 10             | 10                       | 10                       | 9              | 10            |                       |                 |
| 5Y111922            | 10  | 10  | 10  | 10  | 0            | 7.5                  |                    |                  |                |                          |                          |                |               |                       |                 |