**Appendix 2**: Consistency matrix. The consistency assessment (referring to step 4.2 in Figure 4) determines the relationship between all future levels of all impact factors (scale from -2 to +2).

| IF | | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 16 | 17 | 17 | 17 | 18 | 18 | 19 | 19 | 19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IF | FS | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 3 | 4 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 3 |
| 2 | 1 | -1 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | -1 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 3 | -1 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1 | -1 | 0 | 0 | -1 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 2 | 0 | 0 | 0 | -2 | -2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3 | 0 | 0 | 0 | 1 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1 | -1 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 2 | 1 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | -1 | 1 | 1 | -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | -1 | 1 | 1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 3 | 0 | 0 | 0 | -2 | -2 | 1 | 1 | 2 | -2 | -1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 1 | -1 | 0 | 1 | 2 | 1 | -1 | -1 | -1 | 1 | 1 | 0 | 1 | 1 | -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 2 | 0 | 0 | 0 | -2 | -2 | 2 | 1 | 1 | -1 | 0 | 0 | -2 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 1 | 0 | 0 | 0 | 1 | 2 | -1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | -1 | 1 | -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 2 | 0 | 0 | 0 | -1 | -2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 1 | -1 | -1 | 0 | 1 | 2 | 2 | -1 | -1 | 0 | 1 | 0 | 0 | 0 | 0 | -1 | 1 | 2 | -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 2 | -1 | -1 | 0 | 2 | 2 | -1 | -1 | -1 | 0 | 1 | 0 | 1 | 1 | -2 | 1 | -1 | 2 | -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 3 | 0 | 0 | 0 | 0 | -2 | -2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | -2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1 | 0 | 0 | 1 | -1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | -1 | 0 | 0 | 1 | -1 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 2 | 0 | 0 | 1 | 2 | 2 | -2 | 0 | 0 | 0 | 1 | -1 | 1 | 0 | -1 | 1 | -1 | 1 | -1 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 3 | 2 | 1 | -2 | -1 | -1 | -1 | 0 | 0 | 0 | -1 | 2 | 0 | 0 | 0 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | -1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | |
| 11 | 2 | 1 | 1 | 0 | 1 | 2 | -1 | 0 | -1 | 1 | 0 | 0 | 1 | 1 | -1 | 2 | -1 | 1 | -1 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | |
| 11 | 3 | 2 | 2 | 1 | 0 | 0 | 1 | -1 | 0 | 0 | -2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | | | | | | | | | | | | | | | | | | | | |
| 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | | | | | | | | | | | | | | | | |
| 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 13 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | -1 | 0 | -1 | -1 | 1 | -1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | -2 | 1 | 1 | 2 | 0 | 0 | | | | | | | | | | | | | | |
| 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | -2 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | |
| 13 | 3 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | -1 | 1 | 1 | 0 | 2 | -2 | 1 | -1 | 1 | 2 | -1 | 1 | 1 | -1 | 1 | -1 | 2 | 2 | 1 | 0 | 0 | | | | | | | | | | | | | | |
| 13 | 4 | 0 | 0 | 0 | -1 | -1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | -1 | -1 | 0 | 0 | | | | | | | | | | | | | | |
| 14 | 1 | -1 | -1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | -1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | -1 | 1 | 0 | -1 | 1 | 0 | -2 | | | | | | | | | | | | | | |
| 14 | 2 | 1 | 1 | -1 | -1 | -1 | 0 | 0 | 0 | -1 | -1 | 1 | 0 | 0 | 0 | -1 | 0 | -1 | 0 | -1 | -1 | 0 | -1 | -1 | 0 | -1 | 0 | -1 | 0 | 1 | -1 | 0 | 1 | -1 | 0 | 2 | | | | | | | | | | | | | | |
| 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | -2 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | -2 | 1 | -1 | | | | | | | | | | | | |
| 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | -1 | 0 | 0 | 0 | -2 | 2 | -1 | -1 | 0 | -1 | -1 | 0 | -2 | 0 | -2 | -1 | 0 | 0 | 0 | -1 | -2 | -1 | 2 | -1 | 1 | | | | | | | | | | | | |
| 16 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 16 | 2 | -1 | 0 | 0 | 0 | -1 | 0 | 0 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | -1 | 1 | -1 | | | | | | | | | | |
| 16 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | -1 | -1 | 1 | -1 | 1 | -2 | 2 | | | | | | | | | |
| 17 | 1 | -1 | -1 | 0 | 1 | 1 | 0 | 0 | -1 | 1 | 1 | -1 | 1 | 1 | -1 | 1 | -1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | -1 | 1 | 0 | 1 | 1 | -1 | 0 | 0 | -1 | 0 | 1 | -1 | 1 | -1 | 0 | 0 | 0 | 1 | 0 | | | | | | |
| 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| 17 | 3 | 1 | 1 | 0 | -1 | -1 | 0 | 0 | 1 | -1 | -1 | 1 | -1 | -1 | 1 | -1 | 1 | 0 | 0 | 0 | -1 | 0 | 0 | -1 | 1 | -1 | 0 | -1 | -1 | 1 | 0 | 0 | 1 | 0 | -1 | 1 | -1 | 1 | 0 | 0 | 0 | 0 | 1 | | | | | | |
| 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 2 | -2 | 1 | -1 | 0 | 1 | -1 | 1 | 0 | -1 | | | |
| 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | -1 | 1 | 0 | -1 | 1 | -1 | 0 | 1 | | | | |
| 19 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | -1 | -1 | 2 | 1 | -1 | 1 | 1 | -1 | 0 | 0 | 1 | -1 | 1 | 1 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 19 | 3 | 0 | 0 | 0 | 0 | -2 | 0 | 1 | 1 | -2 | 0 | 0 | -1 | -1 | 1 | 0 | 0 | -1 | 1 | -1 | -1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | -1 | 1 | 1 | -1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 20 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | -1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -1 | 0 | 0 | -2 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |