ANNEXES VI to X

ANNEX VI:
OUTSTANDING AI-ENABLED PROJECTS ON
INDUSTRIAL TECHNOLOGIES AND MANUFACTURE

ANNEX VII:
OUTSTANDING AI-ENABLED PROJECTS ON
AUGMENTED MEDICINE AND HEALTHCARE

ANNEX VIII:
OUTSTANDING AI-ENABLED PROJECTS ON
SUSTAINABLE ENVIRONMENT AND ENERGY

ANNEX IX:
OUTSTANDING AI-ENABLED PROJECTS ON
ICT, MOBILITY AND SECURITY

ANNEX X:
OUTSTANDING AI-ENABLED PROJECTS ON
ETHICAL, LEGAL AND SOCIAL DISCIPLINES

Note:
Stemming from the previously identified set of 650 AI-powered successful projects illustrated in Annexes from I to V, a distilled subset of 86 outstanding AI-powered projects is presented, essentially funded under Horizon Europe, H2020, ERC, FP7 and FP5, where AI plays a particularly important role at various project layers, i.e.: aim, objectives, challenge, content, mission, expected results, outputs, upshots and outcomes. The discriminants which enabled this selection are the importance, extent, and magnitude of the role AI performed therein, resulting in a particularly outstanding impact in terms of number and quality of: (a) IPR; (b) patents; (c) publications; (d) protocols − e.g.: production, application, clinical; (e) prototyping. Each cluster has been populated with a certain bulk of projects, displayed herein, i.e.:

(i)   22 projects in AI-enabled Industrial Technologies and Manufacture.
(ii)   21 projects in AI-enabled Augmented Medicine and Healthcare, more in detail, its main branches have been addressed: Diagnostics, Theragnostics, Targeted Drug-Delivery and Regenerative Medicine.
(iii)   9 projects in AI-enabled Sustainable Environment and Energy.
(iv)   20 projects in AI-enabled ICT, Mobility and Security.
(v)   14 projects in AI-enabled Ethical, Legal and Social disciplines.

ANNEX VI:
OUTSTANDING AI-ENABLED PROJECTS ON INDUSTRIAL TECHNOLOGIES AND MANUFACTURE

ANNEX VII:
OUTSTANDING AI-ENABLED PROJECTS ON AUGMENTED MEDICINE AND HEALTHCARE

:

ANNEX VIII:
OUTSTANDING AI-ENABLED PROJECTS ON
SUSTAINABLE ENVIRONMENT AND ENERGY

ANNEX IX:
OUTSTANDING AI-ENABLED PROJECTS ON ICT, MOBILITY AND SECURITY

ANNEX X:
OUTSTANDING AI-ENABLED PROJECTS ON ETHICAL, LEGAL AND SOCIAL DISCIPLINES