

FIG 1: Digital transformation of clinical services:



FIG 2: An integrated approach to clinical service design:

Partner interplay

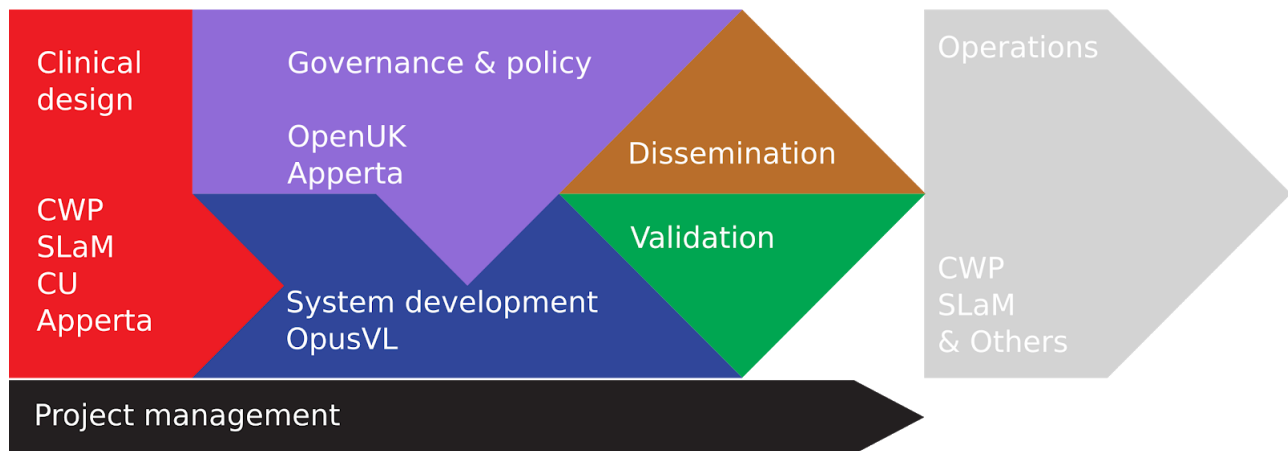
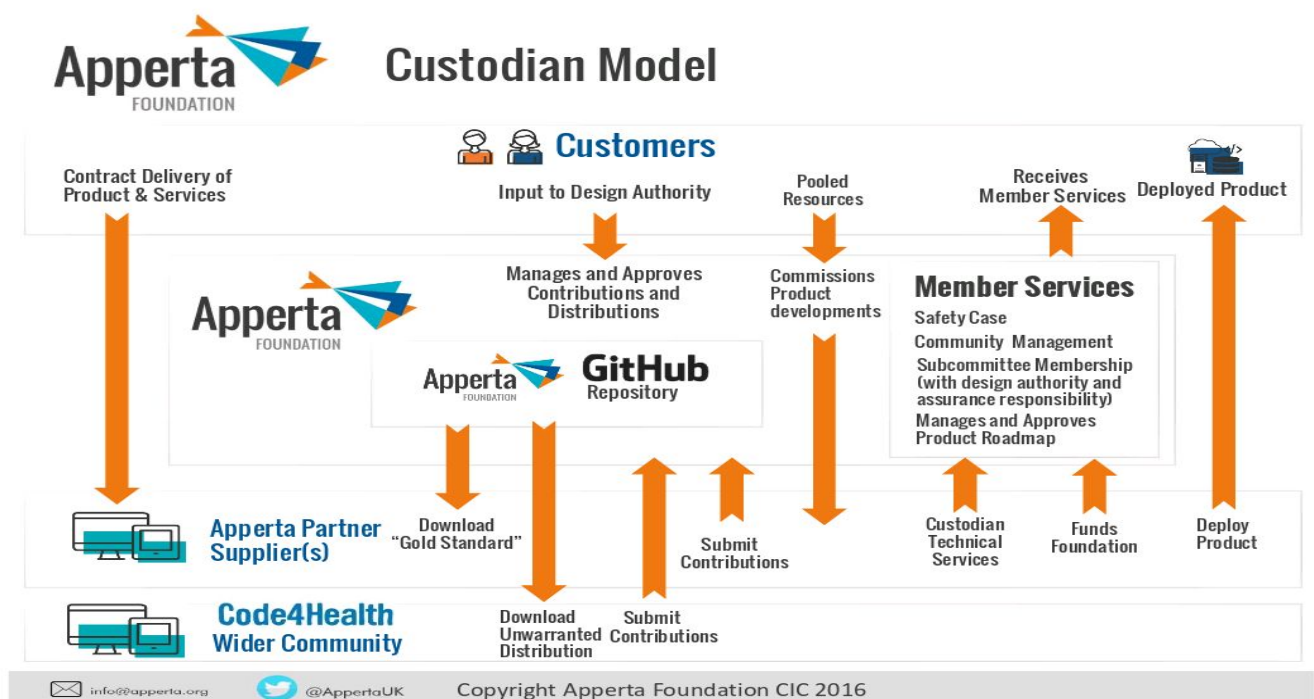


FIG 3: A new model for NHS Service design:



**FIG 4: Clinical informatics - a new approach to NHS Service design:**

| Traditional Informatics Procurement |  | Translational Medicine |  | Translational clinical informatics |  |
|-------------------------------------|--|------------------------|--|------------------------------------|--|
| Phase                               | Description                                      | Phase                  | Description                                      | Phase                              | Description                                      |
| I                                   | Identify the problem and the need for a solution | I                      | Identify the problem and the need for a solution | I                                  | Identify the problem and the need for a solution |
| II                                  | Define the problem and the need for a solution   | II                     | Define the problem and the need for a solution   | II                                 | Define the problem and the need for a solution   |
| III                                 | Develop a solution                               | III                    | Develop a solution                               | III                                | Develop a solution                               |
| IV                                  | Implement the solution                           | IV                     | Implement the solution                           | IV                                 | Implement the solution                           |
| V                                   | Evaluate the solution                            | V                      | Evaluate the solution                            | V                                  | Evaluate the solution                            |

