

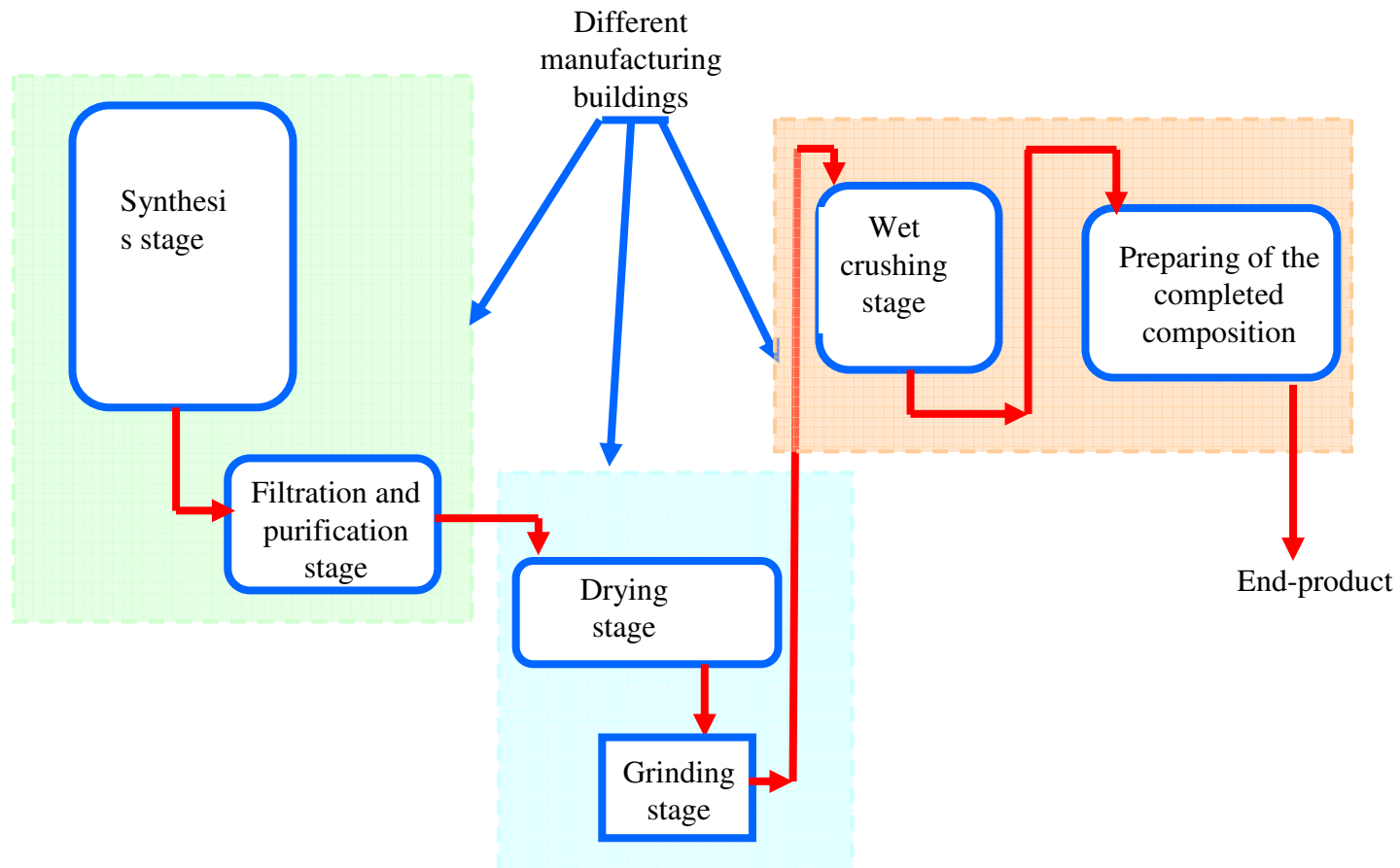
Innovations of the JSC «Pigment»

Areas of innovation

- 1. Optimization of the process stages.**
- 2. Optimization of the process timing.**
- 3. Optimization of the raw materials and energy use.**
- 4. The development and introduction of the innovation products.**
- 5. The use of innovative equipment.**
- 6. The establishment of the up-to-date technopark based on the certain business.**
- 7. Innovation in the area of the ecology.**

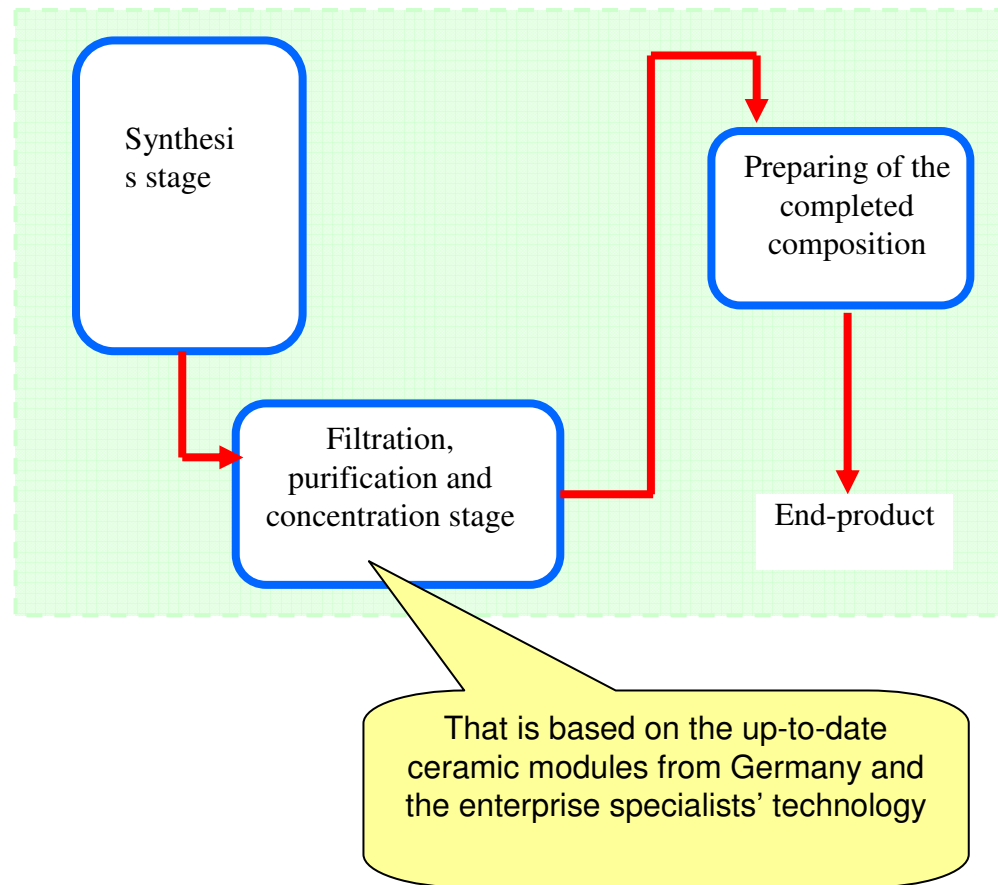
Optimization of the process stages by the example of the pigments for the textile printing

Schematic representation of the traditional technology

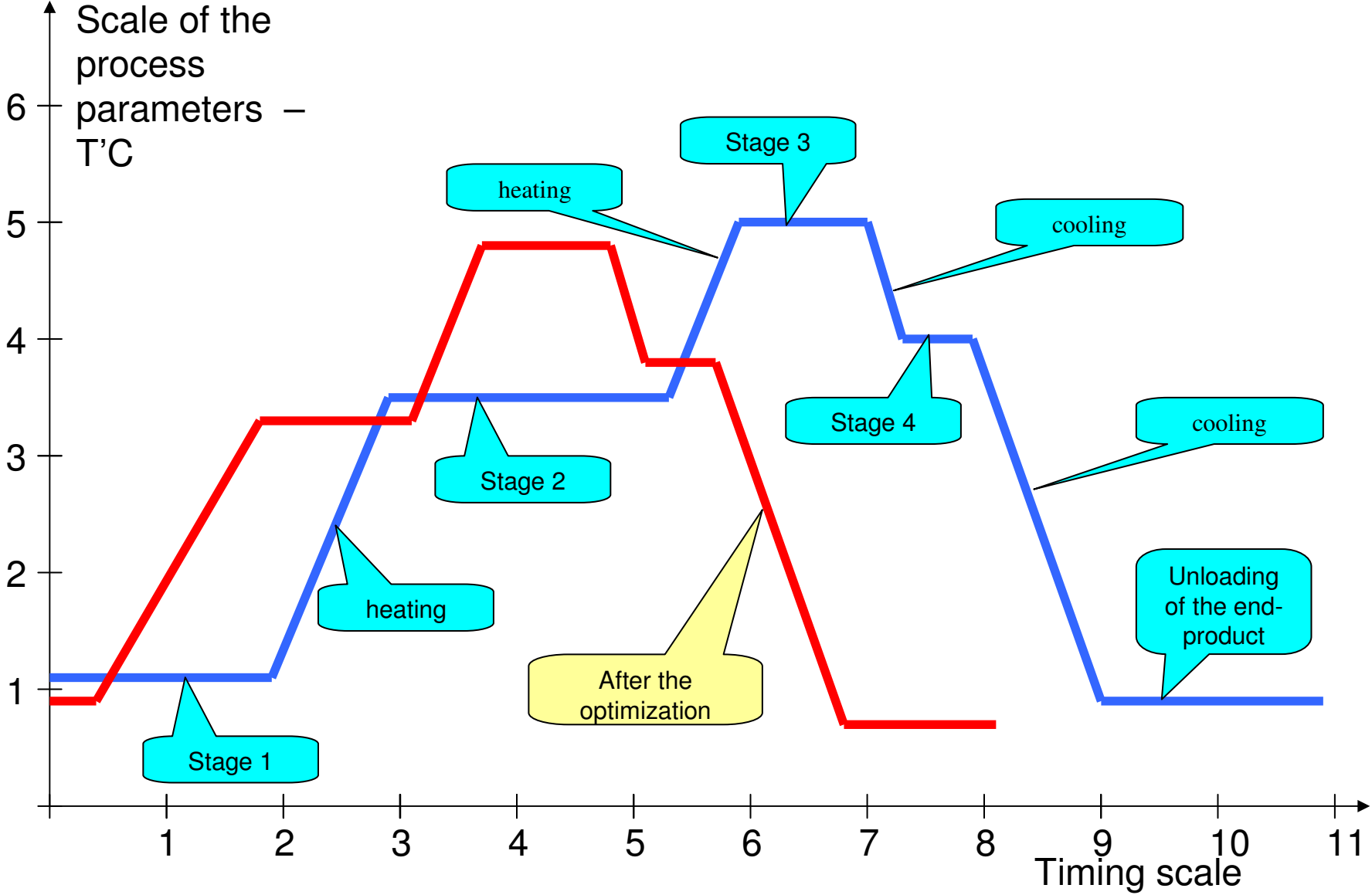


Optimization of the process stages by the example of the pigments for the textile printing

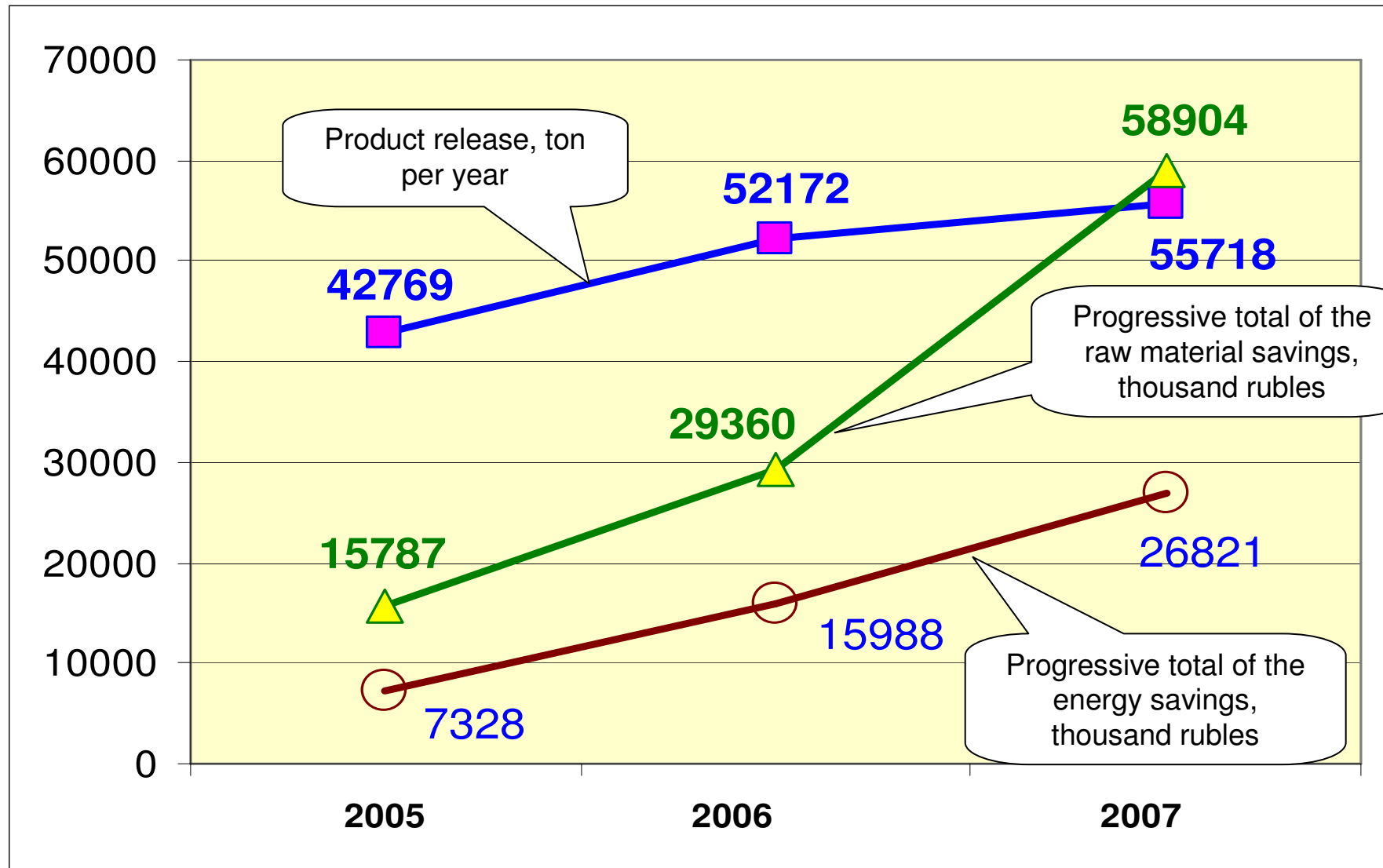
Schematic representation of the up-to-date technology



Optimization of the timing regimes



Raw materials and energy savings





Innovation in the area of the ecology

Membrane technology application in the production of the liquid bleach

The acetic acid extraction from the drains of Maleamid F production

Sulfuric acid extraction from the drains of sulfamic acid production

Purifying of the pigment rinsing waters and secondary use of them

Use of the up-to-date filter equipment

Non-filtration technology in the colors production

Application of the superdispersed catalysts for the slime of the pond storage devices purifying