9. A process according to any one of the preceding claims wherein prior to introduction of the new seedbed there are performed one or more steps to treat the reactor.

10. A process according to any one of the preceding claims wherein the seedbed is treated in the reactor to reduce the amount of contaminants, said treatment steps including purging with an inert gas and/or scavenging with an agent which will react with the contaminant.

11. A process according to claim 10 wherein the absolute amount of contaminants in the seedbed in the reactor is reduced to less than 20 ppm, preferably to less than 10ppm, and most preferably to less than 5ppm.

12. An apparatus for the production of polymers in a gas phase reactor, said apparatus comprising:

a) A gas phase reactor,

b) Two or more catalyst system feeds to pass at least first and second catalyst systems to the reactor,

c) A degassing vessel fluidly connected to the reactor to receive polymer product therefrom, and

d) At least one seed-bed storage silo connected to the degassing vessel to receive polymer therefrom and connected to the reactor to pass polymer thereto,

characterised in that there are less seed-bed storage silos than catalyst system feeds and wherein there is provided a further connection between the degassing vessel and the reactor suitable for the return of polymer from the degasser to the reactor without passing through a silo.

13. An apparatus according to claim 12, said apparatus comprising:

a) A gas phase reactor,

b) Two catalyst system feeds consisting of a first catalyst system feed to pass a first catalyst system to the reactor and a second catalyst system feed to pass a second catalyst system to the reactor,

c) A degassing vessel connected to the reactor to receive polymer product therefrom, and

d) A seed-bed storage silo connected to the degassing vessel to receive polymer therefrom and connected to the reactor to pass polymer thereto,

characterised in that only one seedbed storage silo is present.