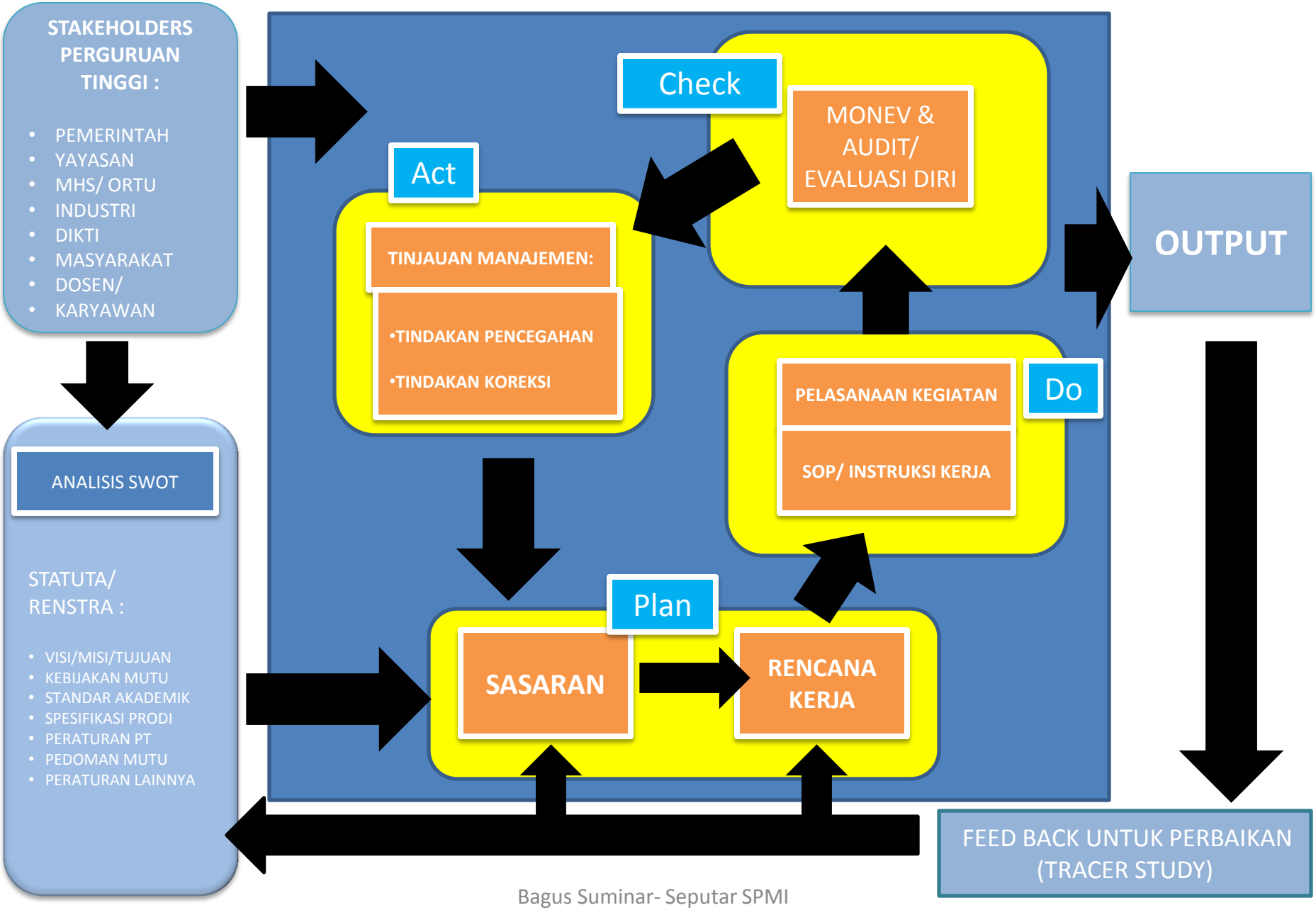MODEL SPMI-PT