Applying Formulas for Influences

- **Influences of the Practices**

1. Architectural knowledge

NFRs	Vak1	Vak2	Vak3	Vak4	Vak5	Vak6	Vak7	Vak8	Vak9	Vak10	ΣVp	infP(%)
FS	+1		+1	+1							3	15
PE	+1		+1	+1	+1	+1	+2	+1	+1		9	45
C					+1			+1			2	10
U						+1	+1	+1	+1		4	20
R								+1			1	5
S	+1	+1	+1	+1	+1	+1	+1	+1	+1	+2	11	55
M	+2	+2	+2	+2	+2	+2	+2	+2	+1	+1	18	90
P								+1			1	5

2. Choice of Technology

NFRs	Vct1	Vct2	Vct3	Vct4	ΣVp	infP(%)
FS					0	
PE	+1	+1	+1	+1	4	50
C					0	0
U	+1	+1			2	25
R					0	0
S	+1	+1	+1		3	37.5
M	+1	+1	+1	+2	5	62.5
P					0	0

3. Quality Management

NFRs	Vqm1	Vqm2	Vqm3	Vqm4	ΣVp	infP(%)
FS	+1	+1	+2		4	50
PE	+1		+1	+1	3	37.5
C	+1	+1	+1		3	37.5
U			+1		1	12.5
R	+1		+1	+1	3	37.5
S	+1	+1			2	25
M	+1	+1		+2	4	50
P	+1		+1		2	25

- **Influences on the Health Indicators**

1. Architectural knowledge

NFRs	ROBUSTNESS			PRODUCTIVITY			NICHE CREATION		
	Vanf	infP(%)	Vnfr	Vanf	infP(%)	Vnfr	Vanf	infP(%)	Vnfr
FS	+1	15	0.15	0	15	0	0	15	0
PE	+1	45	0.45	+1	45	0.45	+1	45	0.45
C	+1	10	0.10	-1	10	-0.10	+1	10	0.10
U	0	20	0	0	20	0	+1	20	0.20
R	+2	5	0.10	0	5	0	+1	5	0.05
S	+1	55	0.55	+1	55	0.55	+1	55	0.55
M	+2	90	1.8	+2	90	1.8	+2	90	1.8
P	+1	5	0.05	-1	5	-0.05	-1	5	-0.05
ΣVnfr			3.2			2.65			3.1
Vhea			20			16.57			19.38

2. Choice of Technology

NFRs	ROBUSTNESS			PRODUCTIVITY			NICHE CREATION		
	Vanf	infP(%)	Vnfr	Vanf	infP(%)	Vnfr	Vanf	infP(%)	Vnfr
FS	+1	0	0	0	0	0	0	0	0
PE	+1	50	0.50	+1	50	0.50	+1	50	0.50
C	+1	0	0	-1	0	0	+1	0	0
U	0	25	0	0	25	0	+1	25	0.25
R	+2	0	0	0	0	0	+1	0	0
S	+1	37.5	0.375	+1	37.5	0.375	+1	37.5	0.375
M	+2	62.5	1.25	+2	62.5	1.25	+2	62.5	1.25
P	+1	0	0	-1	0	0	-1	0	0
ΣVnfr			2.125			2.13			2.375
Vhea			13.28			13.28			14.84

3. Quality Management

NFRs	ROBUSTNESS			PRODUCTIVITY			NICHE CREATION		
	Vanf	infP(%)	Vnfr	Vanf	infP(%)	Vnfr	Vanf	infP(%)	Vnfr
FS	+1	50	0.50	0	50	0	0	50	0
PE	+1	37.5	0.375	+1	37.5	0.375	+1	37.5	0.375
C	+1	37.5	0.375	-1	37.5	-0.375	+1	37.5	0.375
U	0	12.5	0	0	12.5	0	+1	12.5	0.125
R	+2	37.5	0.75	0	37.5	0	+1	37.5	0.375
S	+1	25	0.25	+1	25	0.25	+1	25	0.25
M	+2	50	1.00	+2	50	1.00	+2	50	1.00
P	+1	25	0.25	-1	25	-0.25	-1	25	-0.25
ΣVnfr			3.5			1.0			2.25
Vhea			21.88			6.25			14.07