Apéndice 2.- Matrices de calificación de impactos ambientales

Interacciones

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	NE	PI	T. I
F01		-1	-1		-1	-1	-1	-1				-1					-1																	-1	-1			10	0	10
F02		-1			-1	-1		-1	-1		-1	-1			-1	-1	-1	-1				-1	-1	-1	-1			-1						-1	-1			18	0	18
F03		-1	-1	-1	-1	-1		-1		-1	-1	-1	-1						-1	-1	-1					-1		-1							-1			16	0	16
F04		-1			-1																																	2	0	2
F05	-1	-1	-1	-1	-1	-1	-1	-1							-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		-1				1	1	1			1		20	4	24
F06		-1	-1		-1	-1	-1																														1	5	1	6
F07		-1			-1	-1													-1	-1	-1								1	1							6	2	8
F08		-1	-1	-1	-1	-1													-1	-1	-1																	8	0	8
F09	-1	-1																																				2	0	2
F10																			-1																			1	0	1
F11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					0	33	33
F12			1		1	1																																0	3	3
F13					1	1	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1	0	27	27
F14	-1	-1	-1	-1	-1	-1	-1					-1																										8	0	8
F15		-1																																				1	0	1
F16	-1	-1	-1		-1	-1																																5	0	5
TOTAL	5	13	9	5	13	12	6	6	2	2	3	6	3	2	4	4	5	4	7	6	6	4	4	4	4	3	3	4	3	3	3	3	3	2	3	1	2	102	70	172

Homologación de interacciones

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	NEGA	POSIT	TOTAL
F01	0	-1		0				-1	0	0	0	-1	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1		0	0	5	0	5
F02	0	-1	0	0			0	-1		0		-1	0	0	-1				0	0	0						0	0		0	0	0	0	0	-1		0	0	5	0	5
F03	0	-1					0	-1	0				-1	0	0	0	0	-1			0	0	0	0			0		0	0	0	0	0	0	-1	0	0	5	0	5
F04	0	-1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
F05		-1						-1	0	0	0	0	0	0	-1													0	0	0		1	0	0	1	0	3	2	5
F06	0	-1		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
F07	0	-1	0	0			0	0	0	0	0	0	0	0	0	0	0	0	-1		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3
F08	0	-1					0	0	0	0	0	0	0	0	0	0	0	0	-1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
F09	-1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
F11	1							1				1			1																			0	0	0	0	0	4	4
F12	0	0	1	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
F13	0	0	0	0	1			1	0	0	0	1			1																			0	0	0	1	0	5	5
F14	-1							0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
F15	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
F16	-1			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL	4	9	1	0	1	0	0	6	0	0	0	4	2	0	4	0	1	0	4	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	1	2		30	14	44
OS	3	9	0	0	0	0	0	4	0	0	0	3	1	0	2	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	30		
OS	1	0	1	0	1	0	0	2	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	2		14		

Importancia

	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	-33	0	0	0	0	0	-34	0	0	0	-36	0	0	0	0	-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-18	0	0	0
F02	0	-34	0	0	0	0	0	-35	0	0	0	-36	0	0	-36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-23	0	0	0
F03	0	-52	0	0	0	0	0	-39	0	0	0	0	-38	0	0	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-22	0	0
F04	0	-46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	-82	0	0	0	0	0	-46	0	0	0	0	0	0	-42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	37	0
F06	0	-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
F07	0	-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-76	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0
F08	0	-28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	19	0	0	0	0	0	0	18	0	0	0	0	25	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F12	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	28	0	0	24	0	0	0	31	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
F14	-37	0	0	0	0	0	0	0	0	0	0	-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	-37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	-31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Intensidad

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	4		0				4	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0
F02	0	4	0	0			0	4		0		2	0	0	2				0	0	0	4				0	0	2	0	0	0	0	0	2		0	0
F03	0	8					0	4	0				2	0	0	0	0	0	4			0	0	0	0	2	0	2	0	0	0	0	0	0	2	0	0
F04	0	8	0	0		0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	12	0	0	0	0	0	4	0	0	0	0	0	0	4													0	0	0			2	0	0	4	0
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
F07	0	2	0	0			0	0	0	0	0	0	0	0	0	0	0	0	12			0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0
F08	0	2					0	0	0	0	0	0	0	0	0	0	0	0	12			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	2							2					2		4																			0	0	0	0
F12	0	0	4	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	4			4	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
F14	4		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	4			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Extensión

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	2		0				1	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0
F02	0	1	0	0			0	1		0		1	0	0	1				0	0	0	1				0	0	1	0	0	0	0	0	1		0	0
F03	0	4					0	2	0				2	0	0	0	0	0	4			0	0	0	0	2	0	2	0	0	0	0	0	0	2	0	0
F04	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	8	0	0	0	0	0	2	0	0	0	0	0	0	1													0	0	0			1	0	0	2	0
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
F07	0	2	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0
F08	0	1					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							1					1		2																			0	0	0	0
F12	0	0	4	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	1			1	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
F14	2		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	1			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Momento

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	4		0				2	0	0	0	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0
F02	0	4	0	0			0	2		0		4	0	0	2				0	0	0	2				0	0	2	0	0	0	0	0	1		0	0
F03	0	4					0	2	0				4	0	0	0	0	0	2			0	0	0	0	2	0	2	0	0	0	0	0	0	1	0	0
F04	0	4	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	4	0	0	0	0	0	4	0	0	0	0	0	0	2													0	0	0			2	0	0	1	0
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	4	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
F08	0	4					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	4							2					4		2																			0	0	0	0
F12	0	0	4	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	4			2	0	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F14	4		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	4			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Persistencia

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	1		0				4	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0
F02	0	1	0	0			0	4		0		4	0	0	4				0	0	0	4				0	0	4	0	0	0	0	0	1		0	0
F03	0	1					0	4	0				4	0	0	0	0	0	4			0	0	0	0	4	0	4	0	0	0	0	0	0	1	0	0
F04	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	1	0	0	0	0	0	1	0	0	0	0	0	0	4													0	0	0			4	0	0	1	0
F06	0	1		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
F07	0	1	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0
F08	0	1					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							2					4		4																			0	0	0	0
F12	0	0	4	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	4			2	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
F14	2		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	1			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Reversibilidad

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	-1		0				1	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0
F02	0	2	0	0			0	2		0		2	0	0	4				0	0	0	4				0	0	4	0	0	0	0	0	2		0	0
F03	0	2					0	2	0				2	0	0	0	0	0	4			0	0	0	0	4	0	4	0	0	0	0	0	0	2	0	0
F04	0	2	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	4	0	0	0	0	0	4	0	0	0	0	0	0	4																		1			4	
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	2	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
F08	0	2					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							1					1		1																			0	0	0	0
F12	0	0	1	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	1			1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F14	2		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	1			0			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sinergia

CODIGO	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01		2	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0
F02	0	2		0		2	0	0	2				0	0	0	2				0	0	2	0	0	0	0	0	2		0	0
F03	0	2	0				2	0	0	0	0	0	2			0	0	0	0	2	0	2	0	0	0	0	0	0	2	0	0
F04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	4	0	0	0	0	0	0	2													0	0	0			4	0	0	2	0
F06		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
F08	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11		1					1		1																			0	0	0	0
F12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13		1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F14	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Acumulación

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	4		0				4	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1		0	0
F02	0	4	0	0			0	4		0		4	0	0	4				0	0	0	4				0	0	4	0	0	0	0	0	4		0	0
F03	0	4					0	4	0				4	0	0	0	0	0	4			0	0	0	0	4	0	4	0	0	0	0	0	0	1	0	0
F04	0	4	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	4	0	0	0	0	0	4	0	0	0	0	0	0	4													0	0	0			4	0	0	4	0
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	4	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
F08	0	4					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							1					1		1																			0	0	0	0
F12	0	0	1	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	1			1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F14	4		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	4			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Efecto

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	4		0				4	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0
F02	0	4	0	0			0	4		0		4	0	0	4				0	0	0	4				0	0	4	0	0	0	0	0	4		0	0
F03	0	4					0	4	0				4	0	0	0	0	0	4			0	0	0	0	4	0	4	0	0	0	0	0	0	4	0	0
F04	0	4	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	4	0	0	0	0	0	4	0	0	0	0	0	0	4													0	0	0			4	0	0	4	0
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	4	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
F08	0	4					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							1					1		1																			0	0	0	0
F12	0	0	1	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	1			1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F14	4		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	4			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Periodicidad

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	1		0				1	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1		0	0
F02	0	1	0	0			0	1		0		4	0	0	4				0	0	0	4				0	0	4	0	0	0	0	0	-1		0	0
F03	0	1					0	1	0				4	0	0	0	0	0	4			0	0	0	0	4	0	4	0	0	0	0	0	0	-1	0	0
F04	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	1	0	0	0	0	0	1	0	0	0	0	0	0	4													0	0	0			4	0	0	1	0
F06	0	1		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	1	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	4	4	0	0	0	0	0	0
F08	0	1					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							1					4		4																			0	0	0	0
F12	0	0	1	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	1	1	1	1	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
F14	1		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	1	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	-1			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Recuperabilidad

CODIGO	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37
F01	0	2		0				2	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0
F02	0	2	0	0			0	2		0		4	0	0	4				0	0	0	4				0	0	4	0	0	0	0	0	2		0	0
F03	0	2					0	4	0				4	0	0	0	0	0	4			0	0	0	0	4	0	4	0	0	0	0	0	0	2	0	0
F04	0	2	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F05	0	8	0	0	0	0	0	8	0	0	0	0	0	0	4													0	0	0			2	0	0	4	0
F06	0	4		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F07	0	2	0	0			0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
F08	0	2					0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F09	8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F11	1							1					1		1																			0	0	0	0
F12	0	0	1	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F13	0	0	0	0	1			1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F14	2		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	2			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0