



kTI (kubernao of Information Technology) is an application created to ease the analysis of the IT state of an organization from three different points of view: the description, the management and the governance of IT.

Catálogo base REBIUN

Catalogue of axes, sections and indicators

Strategic axes

Axis 0:

Axis 1:

Axis 2:

Axis 3:

Axis 4:

Axis 5:

Axis 6:

Axis 7:

Axis 8:

Axis 9:

Sections

Axis 1

Objective 1.1

Objective 1.2

Objective 1.3

Objective 1.4

Objective 1.5

Axis 2

Objective 2.1

Objective 2.2

Axis 3

Objective 3.1

Objective 3.2

Objective 3.3

Objective 3.4

Objective 3.5

Objective 3.6

Axis 4

Objective 4.1

Objective 4.2

Objective 4.3

Objective 4.4

Objective 4.5

Axis 5

Objective 5.1

Objective 5.2

Objective 5.3

Objective 5.4

Objective 5.5

Objective 5.6

Objective 5.7

Axis 6

Objective 6.1

Objective 6.2

Objective 6.3

Objective 6.4

Objective 6.5

Objective 6.6

Axis 7

Objective 7.1

Objective 7.2

Axis 8

Objective 8.1

Objective 8.2

Axis 9

Objective 9.1

Objective 9.2

Objective 9.3

Objective 9.4

Indicators

Axis 1

Objective 1.1

CODE	NUSUARIOPROP
DEFINITION	
FORMULA	NESTGRADO + NESTPOSGRADO + NESTITPROP + NPDICOMPLETA + NPDIPARCIAL + NPASUNIV
USEFULNESS	
INTERPRETATION	
EXAMPLE	

Objective 1.2

CODE	NESTUDIANTES
DEFINITION	
FORMULA	NESTGRADO + NESTPOSGRADO + NESTITPROP
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NESTGRADO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NESTPOSGRADO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NESTITPROP
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 1.3

CODE	NDOCENTES
DEFINITION	
FORMULA	NPDICOMPLETA + NPDIPARCIAL
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPDICOMPLETA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPDIPARCIAL
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 1.4

CODE	NPASUNIV
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 1.5

CODE	NUSUARIOEXT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Axis 2

Objective 2.1

CODE	NDIASABANYO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NDIASABSEM
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 2.2

There is not indicators in this objective.

Axis 3

Objective 3.1

CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	NBIBLIOS

Objective 3.2

CODE	NMETROSBIB
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 3.3

CODE	NPUESTOSIND
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 3.4

CODE	NSALASCOLECT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 3.5

CODE	NSALASGRUPO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 3.6

CODE	NESTANTES
DEFINITION	
FORMULA	NESTLIBREACC + NESTDEPOSITO
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NESTLIBREACC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NESTDEPOSITO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Axis 4

Objective 4.1

CODE	NPCPLANTILLA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 4.2

CODE	NPCPUBLICO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 4.3

CODE	NLECTYREPROD
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 4.4

CODE	NBUZONAUTO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 4.5

CODE	NMAQAUTO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Axis 5

Objective 5.1

CODE	NITEMPAPINFOR
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NMONPAPINGRES
DEFINITION	
FORMULA	NMONPCOMPRA + NMONPDONAT
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NMONPCOMPRA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NMONPDONAT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 5.2

CODE	NTITPPPAPEL
DEFINITION	
FORMULA	NTITPPPCOMPRA + NTITPPPDONAT + NTITPPPMUERTA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NTITPPPVIVA
DEFINITION	
FORMULA	NTITPPPCOMPRA + NTITPPPDONAT
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NTITPPPCOMPRA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTITPPPDONAT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTITPPPMUERTA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 5.3

CODE	NMATNOLIB
DEFINITION	
FORMULA	NMAPAS + NFOTOSYDIAPOS + NMICROFORM + NREGSONOROS + NVIDEOSYDVD + NCDROMS
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NMAPAS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NFOTOSYDIAPOS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NMICROFORM
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NREGSONOROS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NVIDEOSYDVD
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NCDROMS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 5.4

CODE	NMONPAGOLIC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPPPAGOLIC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NBBDDPAGOLIC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NRECELECTPROIOS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	OTROSRECELEC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 5.5

CODE	NDOCCATALOGANYO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 5.6

CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	NTOTALITEMINFOR
CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	NTOTALTITINFOR

Objective 5.7

CODE	NTOTALMANUSC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALINCUNA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALIMPI
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALIMPII
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Axis 6

Objective 6.1

CODE	NENTRADBIBLIO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 6.2

CODE	NPRESTDOMIC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 6.3

CODE	NVISITASWEB
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 6.4

CODE	NCONSULTASCATALOG
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 6.5

CODE	NCONSULRECPAGO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NDOCDESCARGPAGO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NCONSULRECPROP
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NDOCSDDESCPROP
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NCONSULTGRAT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NDOCSDDESCGRAT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 6.6

CODE	NCURSOSIMPART
DEFINITION	
FORMULA	NCURSOSPRESENC + NCURSOSONLINE
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NCURSOSPRESENC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NCURSOSONLINE
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NASISTENTESFORM
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTUTORIALES
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NDESCARGTUTORIAL
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Axis 7

Objective 7.1

CODE	NPETICPOSITIV
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBORIG
DEFINITION	
FORMULA	NPETICREBORIGMEN10 + NPETICREBORIGMAS10
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICREBORIGMEN10
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBORIGMAS10
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBCOPIAS
DEFINITION	
FORMULA	NPETICREBCOPPMEN7 + NPETICREBCOPPMAS7 + NPETICREBELECTMEN3 + NPETICREBELECTMAS3
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICREBCOPP
DEFINITION	
FORMULA	NPETICREBCOPPMEN7 + NPETICREBCOPPMAS7
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICREBCOPPMEN7
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBCOPPMAS7
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBELECT
DEFINITION	
FORMULA	NPETICREBELECTMEN3 + NPETICREBELECTMAS3
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICREBELECTMEN3
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBELECTMAS3
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICNEGATIVREB
DEFINITION	
FORMULA	NPETICNEGREBMEN5 + NPETICNEGREBMAS5
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICNEGREBMEN5
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICNEGREBMAS5
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALPETNOREBIUN
DEFINITION	
FORMULA	NPETICNOREBORIG + NPETICNOREBCOPIA + NPETICEXTRANJORIG + NPETICEXTRANJCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETBIBSNOREBIUN
DEFINITION	
FORMULA	NPETICNOREBORIG + NPETICNOREBCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICNOREBORIG
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICNOREBCOPIA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETBIBSEXTRANJ
DEFINITION	
FORMULA	NPETICEXTRANJORIG + NPETICEXTRANJCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICEXTRANJORIG
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICEXTRANJCOPIA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALPETIC
DEFINITION	
FORMULA	NPETICPOSITIV + NPETICNEGREBMEN5 + NPETICNEGREBMAS5
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	RECIBIDOCORREO
DEFINITION	
FORMULA	RECIBIDORIGINAL + RECIBIDOCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	RECIBIDORIGINAL
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	RECIBIDOCOPIA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	RECIBIDOFAX
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	RECIBIDOEMAIL
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALDOCSRECIB
DEFINITION	
FORMULA	RECIBIDORIGINAL + RECIBIDOCOPIA + RECIBIDOFAX + RECIBIDOEMAIL
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	PCOPIASRECREBIUN
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPETICREBIUN
DEFINITION	
FORMULA	NPETICPOSITIV + NPETICNEGREBMEN5 + NPETICNEGREBMAS5 + NPETICNOREBORIG + NPETICNOREBCOPIA + NPETICEXTRANJORIG + NPETICEXTRANJCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NPETICPRESTAMO
DEFINITION	
FORMULA	NPETICREBORIGMEN10 + NPETICREBORIGMAS10 + NPETICNOREBORIG + NPETICEXTRANJORIG
USEFULNESS	
INTERPRETATION	
EXAMPLE	

Objective 7.2

CODE	NSOLICITREBIUN
DEFINITION	
FORMULA	NSOLICITPOSITIV + NSOLICNEGATREBMEN5 + NSOLICNEGATREBMAS5
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICITPRESTAMO
DEFINITION	
FORMULA	NSOLICORIGINALMEN10 + NPETICREBORIGMAS10 + NSOLICNOREBORIG + NSOLBIBEXTRANJORIG
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICITPOSITIV
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICORIGINAL
DEFINITION	
FORMULA	NSOLICORIGINALMEN10 + NSOLICORIGINALMAS10
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICORIGINALMEN10
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICORIGINALMAS10
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICCOPIA
DEFINITION	
FORMULA	NSOLICCOPIAPAPELMEN7 + NSOLICCOPIAPAPELMAS7 + NSOLICELECTRONMEN3 + NSOLICELECTRONMAS3
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICCOPIAPAPEL
DEFINITION	
FORMULA	NSOLICCOPIAPAPELMEN7 + NSOLICCOPIAPAPELMAS7
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICCOPIAPAPELMEN7
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICCOPIAPAPELMAS7
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICELECTRON
DEFINITION	
FORMULA	NSOLICELECTRONMEN3 + NSOLICELECTRONMAS3
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICELECTRONMEN3
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICELECTRONMAS3
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICNEGATREB
DEFINITION	
FORMULA	NSOLICNEGATREBMEN5 + NSOLICNEGATREBMAS5
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICNEGATREBMEN5
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICNEGATREBMAS5
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALSOLICNOREBIUN
DEFINITION	
FORMULA	NSOLICNOREBORIG + NSOLICNOREBCOPIA + NSOLBIBEXTRANJORIG + NPETICEXTRANJCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICNOREBIUN
DEFINITION	
FORMULA	NSOLICNOREBORIG + NSOLICNOREBCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLICNOREBORIG
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICNOREBCOPIA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLICITBIBEXTRANJ
DEFINITION	
FORMULA	NSOLBIBEXTRANJORIG + NSOLBIBEXTRANJCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NSOLBIBEXTRANJORIG
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NSOLBIBEXTRANJCOPIA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NTOTALSOLICRECIB
DEFINITION	
FORMULA	NSOLICITPOSITIV + NSOLICNEGATREBMEN5 + NSOLICNEGATREBMAS5 + NSOLICNOREBORIG + NSOLICNOREBCOPIA + NSOLBIBEXTRANJORIG + NSOLBIBEXTRANJCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	ENVIADOCORREO
DEFINITION	
FORMULA	ENVIADORIGINAL + ENVIADOCOPIA
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	ENVIADORIGINAL
CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	ENVIADOCOPIA
CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	ENVIADOFAX
CODE DEFINITION CHARACTERISTICS USEFULNESS EXAMPLE	ENVIADOEMAIL
CODE DEFINITION FORMULA USEFULNESS INTERPRETATION EXAMPLE	NTOTALDOCSERV
	ENVIADORIGINAL + ENVIADOCOPIA + ENVIADOFAX + ENVIADOEMAIL

Axis 8

Objective 8.1

CODE	NPLANTILLATOTAL
DEFINITION	
FORMULA	NBIBPROFESIONAL + NAUXIBIB + NBECAEST + NPERSESP
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	NBIBPROFESIONAL
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NAUXIBIB
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NBECAEST
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NPERSESP
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 8.2

CODE	NCURSOSFORM
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NASISTCURSO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	NCURSIMPART
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Axis 9

Objective 9.1

CODE	GASTORECINFO
DEFINITION	
FORMULA	GASTOTOTMONOG + GASTOTOTPUBPER + GASTOMATNOLIB + GASTOBBDDPAGO
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	GASTOTOTMONOG
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	GASTOTOTPUBPER
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	GASTOMATNOLIB
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	GASTOBBDDPAGO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 9.2

CODE	GASTOINFOELECT
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 9.3

CODE	FUENTESFINANCIA
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	PGASTOBIBLIO
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	PGASTOUNIV
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	PGASTOFACULS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	PGASTODPTOS
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	PGASTOSUBVENC
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Objective 9.4

CODE	COSTETOTPERS
DEFINITION	
FORMULA	COSTEBIBPROFES + COSTEAUXBIB + COSTEBECAESTUD + COSTEPERSESP
USEFULNESS	
INTERPRETATION	
EXAMPLE	

CODE	COSTEBIBPROFES
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	COSTEAUXBIB
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	COSTEBECAESTUD
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

CODE	COSTEPERSESP
DEFINITION	
CARACTERISTICS	
USEFULNESS	
EXAMPLE	

Appendixes