

### Level 3

Volume 11	A (* 1 1
Issue 1 2013	Article 1

2013

# Two Decades of RPL/APEL in IRELAND: Practitioner Views

Anne Murphy Dublin Institute of Technology

Follow this and additional works at: https://arrow.dit.ie/level3 Part of the <u>Higher Education Commons</u>

#### **Recommended** Citation

Murphy, Anne (2013) "Two Decades of RPL/APEL in IRELAND: Practitioner Views," *Level 3*: Vol. 11: Iss. 1, Article 1. doi:10.21427/D77M8M Available at: https://arrow.dit.ie/level3/vol11/iss1/1

This Article is brought to you for free and open access by the Journals Published Through Arrow at ARROW@TU Dublin. It has been accepted for inclusion in Level 3 by an authorized administrator of ARROW@TU Dublin. For more information, please contact yvonne.desmond@dit.ie, arrow.admin@dit.ie, brian.widdis@dit.ie.





#### www.level3.dit.ie June 2013

## Two decades of RPL/APEL in IRELAND: Practitioner Views

Respondent:	<b>Dr Anne Murphy</b> Dublin Institute of Technology
What was your first involvement with APEL/RPL?	My first involvement with APEL was in 1990 when I was invited to design a system by which cohorts of experiences practitioners in the disability training sector could achieve a sectoral qualification primarily through recognition of prior certificated and experiential learning. A taught route to the particular qualification was already in operation in partnership between the Adult Education Centre in St Patrick's College, Maynooth (now National University of Ireland, Maynooth) and the National Rehabilitation Board. The trainers' qualification was an essential element of quality assurance for the sector with funding support provided by the EU Social Fund. However, it was obvious to the partners that many trainers were already sufficiently competent and experienced to meet the training standard required and that they did not require formal training in that regard. Therefore an APEL Route was devised, operationalised and piloted with twenty-five experienced trainers.
Year?	1991 onwards
How did that first model of APEL/RPL operate?	The model of APEL was based on achievement of the learning outcomes of the training programme. A detailed pro-forma template was provided to participants where they provided evidence of learning outcomes which could be demonstrated in such a format. A detailed Handbook was prepared for applicants and I acted as designer and facilitator for the entire process. Applicants for the APEL Route were obliged to 'opt-in' to the route by self-assessing their prior learning and current competences and challenging the portfolio requirements and the presentations and demonstrations involved. While applications were at individual level, the process was based on a cohort, work-shop approach where participants

What aspects worked well?	demonstrated and shared learning in relation to all aspects of the qualification, including the reflective journal. The APEL Route was an accelerated route with the entire process completed within twelve weeks on a part-time basis. Additional inputs were provided where particular learning gaps were identified for the cohort as a whole. The cohort acted as evaluators of the pilot delivery together with management staff from the University. The fees charged and time-on-task were equivalent to the taught route for operational reasons. The entire model worked well for several subsequent cohorts who could readily provide evidence of appropriate types and levels of learning. Equivalence with the taught route in terms of the value and recognition of the award was accepted both by the university and by the sector. Clarity of documentation and requirements from participants was a particular strength of the model. The cohort, or group, model was not only efficient: it also created a community of practitioners and a forum for intensive peer-learning as well as for demonstration of knowledge and competences for award purposes. The model and the process also built the capacity of the university with regard to APEL and with regard to application of appropriate assessment criteria to experiential learning.
What worked less well? If the model continued what	Perhaps the model and experience were not sufficiently disseminated and adapted for other occupational sectors at the time. It could be argued that APEL/RPL subsequently became a very individualistic pursuit and became less efficient and cost- effective for sectors and organisations. My subsequent involvement with a national organisation for accreditation of literacy tutors used the model less effectively for groups with too-much emphasis on 'translating experience into learning' to satisfy quite obscure terminology and to confining presentation of learning to a rigid portfolio format. The model was re-used subsequently while there were trainers in the sector with sufficient experience to undertake the APEL
changes were made for subsequent versions?	Route.
What RPL	Since that initial APEL experiment I have been involved in RPL policy development and RPL practice both for the national

involvement have you	University of Ireland Mayneeth and for the Dublin Institute of
had since that first	University of Ireland, Maynooth and for the Dublin Institute of
instance?	Technology where I was RPL Policy Officer. I was also the DIT
instance:	representative on Advisory Groups for the National
	Qualifications Authority of Ireland in development of National
	Principles and Operational Guidelines for RPL 2005 and for the
	Further Education and Training Awards Council. I represented
	the DIT on the Higher Education Authority (HEA) project
	Education in Employment – RPL strand. I developed the RPL
	Policy document approved by DIT's Academic Council in 2007,
	delivered a DIT accredited RPL training programme for the
	higher education sector and produced two guides for RPL
	academic and operational practice.
	I have also been involved in international research projects, peer
	learning activities and training sessions for RPL and have several
	publications on the subject.
	RPL in higher education operates for a number of purposes,
Did you use any new	particularly as follows:
'tools' or	a. For entry to a programme of study at the initial stage
'technologies' in	b. For entry to a programme at an advanced stage with
subsequent models?	credits
	c. For exemption from elements of a programme of study
	with credits
	d. For transfer form one programme to another or from one
	providing institution to another
	e. For progression to higher specialist qualifications
	f. For non-standard entry to postgraduate programmes
	g. Towards achievement of a whole award.
	Each purpose requires its own particular tools, technologies and
	processes which should maintain a focus of being both
	appropriate and fit-for-purposes. A focus should also be kept on
	the principle that applicants should be fully aware of the risks
	and rewards to them of using RPL for any purpose and on the
	principle that RPL should be used only where an applicant can
	have a reasonable chance of succeeding and of benefiting from
	it.
	Among the RPL 'tools' developed and described in the 2 RPL
	Guides are the following:
	i. Assessment criteria and quality assurance guidelines
	ii. RPL in curriculum design
	iii. RPL self-assessment templates in relation to a
	particular award
	iv. RPL dossier/portfolio templates
	v. RPL assessment report forms
	vi. Systems for recording instances of RPL in the student

<ul> <li>record.</li> <li>vii. RPL interview report forms</li> <li>viii. RPL appeal report forms</li> <li>viiii. RPL appeal report forms</li> <li>on the positive side the Irish NQF and supporting documentation have been very helpful in bringing a new coherence to the landscape of awards at all levels.</li> <li>The definition of levels of learning and the articulation of the type of learning expected at each level has been particularly useful for RPL purposes.</li> <li>The emphasis on using learning outcomes to explain curricular learning has been useful.</li> <li>The development of a credit system has been very useful.</li> <li>So too has the definition of major and minor award types and the preference for progression pathways within the NQF.</li> <li>The development of QUALIFAX and QualRec services have been particularly useful for individuals seeking RPL.</li> <li>On the negative side the design of the framework is entirely centred on formal awards and qualifications: it is an <i>awards</i> framework and <i>not a learning framework</i>. For RPL the impact in this regard is that only prior learning that relates to particular awards can be considered for recognition. While this is operationally logical, it does factor out any learning not implicated in a formal award on the framework and does not facilitate general, or work-based, credits which have a recognition and an exchange value in their own right.</li> <li>The implication of this awards framework model is that the curricula for new awards must now be designed with RPL as an integrated element. This latter point could, of course, be to the benefit of RPL expansion and to the benefit of learners. But, it could also be an anti-diversity opt-out mechanism for awards that centre on homogenous cohorts only.</li> <li>A further comment could be made regarding the lack of movement towards a national RPL policy since the publication of the RPL principles and operational guidelines in 2005. Without a policy there can be no</li></ul>
<ul> <li>viii. RPL appeal report forms</li> <li>On the positive side the Irish NQF and supporting documentation have been very helpful in bringing a new coherence to the landscape of awards at all levels.</li> <li>The definition of levels of learning and the articulation of the type of learning expected at each level has been particularly useful for RPL purposes.</li> <li>The emphasis on using learning outcomes to explain curricular learning has been useful.</li> <li>The development of a credit system has been very useful.</li> <li>So too has the definition of major and minor award types and the preference for progression pathways within the NQF.</li> <li>The development of QUALIFAX and QualRec services have been particularly useful for individuals seeking RPL.</li> <li>On the negative side the design of the framework is entirely centred on formal awards and qualifications: it is an <i>awards</i> framework and <i>not a learning framework</i>. For RPL the impact in this regard is that only prior learning the these which have a recognition and an exchange value in their own right.</li> <li>The implicated in a formal awards framework model is that the curricula for new awards must now be designed with RPL as an integrated element. This latter point could, of course, be to the benefit of RPL expansion and to the benefit of learnes. But, it could also be an anti-diversity opt-out mechanism for awards that centre on homogenous cohorts only.</li> <li>A further comment could be made regarding the lack of movement towards a national RPL policy since the publication of the RPL principles and operational guidelines in 2005. Without a policy there can be no coherent strategy. But a policy is not</li> </ul>
In your view, how has the National Framework of Qualifications (NQF) contributed to RPL/APEL practice? No the negative side the lrish NQF and supporting documentation have been very helpful in bringing a new coherence to the landscape of awards at all levels. The definition of levels of learning and the articulation of the type of learning expected at each level has been particularly useful for RPL purposes. The emphasis on using learning outcomes to explain curricular learning has been useful. The development of a credit system has been very useful. So too has the definition of major and minor award types and the preference for progression pathways within the NQF. The development of QUALIFAX and QualRec services have been particularly useful for individuals seeking RPL. On the negative side the design of the framework is entirely centred on formal awards and qualifications: it is an <i>awards</i> framework and <i>not a learning framework</i> . For RPL the impact in this regard is that only prior learning that relates to particular awards can be considered for recognition. While this is operationally logical, it does factor out any learning not implicated in a formal award on the framework and does not facilitate general, or work-based, credits which have a recognition and an exchange value in their own right. The implication of this awards framework model is that the curricula for new awards must now be designed with RPL as an integrated element. This latter point could, of course, be to the benefit of RPL expansion and to the benefit of learners. But, it could also be an anti-diversity opt-out mechanism for awards that centre on homogenous cohorts only. A further comment could be made regarding the lack of movement towards a national RPL policy since the publication of the RPL principles and operational guidelines in 2005. Without a policy there can be no coherent strategy. But a policy is not
In your view, how has the National Framework of Qualifications (NQF) contributed to RPL/APEL practice? The development of a credit system has been very useful. So too has the definition of major and minor award types and the preference for progression pathways within the NQF. The development of QUALIFAX and QualRec services have been particularly useful for individuals seeking RPL. On the negative side the design of the framework is entirely centred on formal awards and qualifications: it is an <i>awards</i> framework and <i>not</i> a <i>learning framework</i> . For RPL the impact in this regard is that only prior learning that relates to particular awards can be considered for recognition. While this is operationally logical, it does factor out any learning not implicated in a formal award on the framework and does not facilitate general, or work-based, credits which have a recognition and an exchange value in their own right. The implication of this awards framework model is that the curricula for new awards must now be designed with RPL as an integrated element. This latter point could, of course, be to the benefit of RPL expansion and to the benefit of learners. But, it could also be an anti-diversity opt-out mechanism for awards that centre on homogenous cohorts only. A further comment could be made regarding the lack of movement towards a national RPL policy since the publication of the RPL principles and operational guidelines in 2005. Without a policy there can be no coherent strategy. But a policy is not
presenting problem! It could be argued that RPL is intrinsically connected to part-time learning and therefore should be part of a national strategy in that regard.

In your view how has the NQF level descriptors influenced RPL practice?	It might be argued that the definition of levels and their numbering in relation to major award types such as bachelor and masters have been more influential that the actual descriptors themselves, though there is no empirical evidence for this argument so far other than the apparent familiarity of the public with the numbering of levels. In my experience the really important aspects of level descriptors for RPL is how they are applied in articulating learning outcomes for particular programme documents at module level. The level descriptors themselves are useful in a general way.
How has the Learning Outcomes paradigm influenced RPL practice?	In my experience the availability of really well-worded learning outcomes have been central to all successful and scaled-up APEL/RPL models. Learning outcomes have been central to occupational and skills sectors for a long time now and it is relatively easy to assess performance against them. Where professional sectors such as nursing, engineering and medicine use standards based on learning outcomes it is relatively easy to devise transparent and efficient RPL systems. Assessment based on a pre-recorded set of learning outcomes is still a much-contested topic in education and it would be unreasonable to expect RPL to be free from such contestation. Again, assessors need to be trained and to be confident that the RPL assessment process is credible and transparently evidence- based. Where grading is not involved in RPL assessment it is relatively easy to use a result of 'learning outcome achieved' or 'not achieved'.
In your view are national standards for occupations and sectors helpful for RPL?	In my experience RPL can best be scaled-up where there is clear articulation of the standards required for different levels within sectoral qualifications. It may be that such standards are agreed at a national level or may straddle many international borders. Indeed many qualifications are now 'stateless' in that they are globally recognised and trusted. It is not unusual for professional and occupational sectors, and indeed for companies and organisations, to combine continuing professional development (CPD) training with RPL or work-based elements. There may, or may not, be a national agenda or strategy in such developments. Within these arrangement though, it is essential that there is transparency and objectivity to safeguard the individual and to provide fair opportunities for accreditation and mobility. The sectoral activities of Skillnets have raised awareness of the potential role of RPL within sectors and for individuals wishing to

	move to new sectors.
	This is a difficult question to answer as it concerns aspects of
In your view are	control over particular work-practices and gate-keeping of routes
professional body RPL	to membership.
practices more	
influential than the	It is true that many professional bodies guard their membership
NQF?	and determine routes into it regardless of initial academic
	awards held by individuals and the framework levels of such
	awards.
	Some professional bodies use RPL models which are more
	localised and more minutely articulated than the NQF level
	descriptors. This is not surprising given the generalist nature of
	the NQF level descriptor language and the highly codified supra-
	language of academic programme documents for those
	particular professional sectors. Given that professional bodies
	are highly influential with regard to curriculum content of
	relevant academic awards it is reasonable to argue that
	professional bodies, in many instances, are more influential than
	the national framework itself.
	Yes I can truthfully say that my own practice has been highly
Do you refer to the	cognisant of the principles and guidelines since its agreement in
National Principles	
and Operational	2005. For me it is essential to continually articulate the principles
Guidelines for RPL	which inform policy, strategy and practice in any sphere of
2005 in your own RPL	education. In that regard the 2005 document has sustained itself
practice?	to date. In my experience, academic practitioners like to fully
	understand the principles behind new policies and new practices
	which are recommended to them and /or which they are being
	obliged to accept.
	What has not yet been broached perhaps is a national policy and
	strategy for RPL. However, this may not be a wholly bad thing in
	itself, though it would be good if provision of RPL training and
	services were centrally funded as a discrete item, at least for a
	number of capacity-building years.
	Again, this is difficult to comment upon without a clearer
In your view, has the	articulation of the question.
particular design of	What I could argue, however, is that the NQF has given RPL a
the NQF hindered the	definite language and map which are useful for individuals and
potential of RPL	for providers.
practices?	Perhaps the 'hindrances' are more about structures which
	demarcate FE from HE and which demarcate the university
	sector as something 'other'.
	The design of the framework presents an idealised progression
	system which is probably not a reality as the norm. In reality
	progression depends on many political, structural and budgetary
	factors which have nothing to do with RPL at all.

r	
How important are minor awards for RPL in your view?	In my view one of the greatest strengths of the NQF is its respect for minor, progression, special purpose and CPD awards within the framework, particularly, but not exclusively, within the bachelor cycle. For many individuals, minor work-related awards are their only route to advancement. Where RPL combines with minor and CPD awards the synergies between education providers, the labour market and the desire of individuals can be both effective and powerful.
In your view, what has been the impact of the Bologna process for RPL?	Again this is a difficult question to answer without sound evidence of impact. But it is probably true that the Bologna preference for a unified bachelor cycle is more about technicist agendas for comparison of periods of study for full-time undergraduates that it is about lifelong learning or about access to CPD opportunities for adults. As an RPL practitioner of the pre-Bologna era I am not particularly interested in RPL being used for Erasmus exchange and recognition purposes only and the matching of credits etc In my view the Bologna process has yet to prove itself as useful for RPL generally outside the ENIC-NARIC systems.
In your view what is the usefulness of the EQF for RPL in Ireland?	Again I am not aware of any research evidence regarding how well the EQF is contributing to RPL in Ireland. It may be the case that some 'boundary-free' occupational sectors use the EQF as a
In your view how well has RPL worked for labour market activation (LMA) initiatives so far?	tool to compare standards and qualifications. There is evidence that RPL is becoming a useful mechanism for immediate and appropriate design of labour market activation interventions by Government, given the number of qualifications holders who are currently unemployed and the growth in particular sectors of employment. It makes good sense that RPL should be part of the solution to the problem of re-skilling or up-skilling individuals and that Forfas/EGFSN should promote RPL in this way. Providers benefit from this particular use of RPL as they can better design progression or re-skilling programmes which they know will be supported with extra funding from Government. They also build their capacity to interview applicants about their prior learning and apply approved criteria when evaluating applications. This way RPL becomes integrated into norms of recruitment and admission. Likewise the public becomes more familiar with presenting their prior learning in relation to specific awards and qualifications. Perhaps a more systematic and nuanced evaluation of how well
	RPL systems worked for all stakeholders in LMA programmes is now required? Such evaluation data might usefully inform an

What is your view of recommendations for RPL as articulated in the Hunt report?	element of a national RPL policy and strategy. It might also point to the expose of a newly evolved social contract among publicly- funded education providers, private providers, departments of government, stakeholders in the labour market and the general citizenry, which is not necessarily as simplistic as critics of the neo-liberalism might imply. A recent feature of LMA initiatives is the involvement of Citizens Advice Bureau, Skillnets, and organisations representing the unemployed at information provision and advisory stage. Again this represents a more inclusive social dialogue about RPL and a more focused partnership model for the common good. The Hunt report focused on meta-issues about the future of higher education provision within which RPL is but one, small element. But it is useful to see RPL mentioned in any case.
	There is no escape from the reality that RPL works well for occupational and employment sectors.
As a practitioner, what is your view of the application of RPL in the Forfás/EGFSN RPL document?	The fact that Forfás engaged in a consultation process about its RPL report is to be commended. The report itself shows a good understanding of the local state-of-play of RPL at the time of writing and avoided over-use of global literature which often does not speak accurately to the lived reality. Individuals and organisations/companies who/which pay for RPL systems and processes invariably have a work-related or human- resource development purpose in mind, most likely with further qualifications as the outcome. There are few individuals who can afford to pay for extensive RPL towards a full award without a work-related motivation. So, in this regards the Forfás report reflects the broad generality. It is also interesting that the report indicates that there is no great desire for a fee-based national RPL service or a service provided by the private sector, and that the preference is still for RPL to be regarded as the remit of the existing providers of further and higher education in relation to their awards. This is an interesting point as it indicates both a general trust in the competences of existing providers and an acknowledgement that there is a tacit social contract between citizens and providers in this regard, as mentioned in an earlier reflection above.
What ideological shifts have you noticed about RPL since your first	Again, this is difficult question, and yet an easy one. The easy answer is that there have been several ideological agendas at play with regard to RPL since its inception several decades ago. Where individual practitioners stand is as much a reflection of their stance about education generally as it is about

involvement?	RPL.
	My first involvements were about human resource development,
	accreditation of experiential learning, progression opportunities
	and quality assurance of sector workers. These particular aspects
	of RPL practice have sustained in Ireland as they have globally.
	Alongside this have been APEL/RPL movements more focused on
	the individual, on personal development, on social recognition of
	informal learning, on access to the 'goods' provided by formal
	education and training. These aspects have also sustained,
	particularly within the adult and community-based learning
	sector.
	At a scholarly level there have been shifts in how APEL/RPL is
	critiqued. There is still a definite wave of critique which is
	offended by the perceived marketisation and commodification of
	knowledge, by the perceived colonisation of the private sphere,
	by the possible subjugation of indigenous knowledges and local
	ways of knowing.
	At practitioner level there is well-founded critique that the
	promises of RPL are difficult to achieve for most individuals and
	that the structures of higher education are insurmountable
	barriers regardless of enabling policies and procedures.
	There are still some, but few, critical voices within higher
	education itself about the risks of permitting APEL towards
	awards and the potential damage to academic reputation.
	But in practice, there are differing ideological and pragmatic
	stances among providers to RPL. Providers with long-standing
	relationships with occupational and professional sectors and
	with the labour market generally have a different way of working
	with knowledge and competences than other providers with
	less-eclectic cultures. For some providers, such as the DIT in
	particular, there are few ontological or epistemological impasses
	when it comes to RPL given the Institute's tradition of working
	hand-in-glove with knowledge creators and knowledge providers
	in a co-creative relationship. The DIT also has a particular eclectic
	genesis where disparate college traditions prevent the
	dominance of an exclusive ideology with regard to what
	constitutes legitimate and worthy knowledge. For several
	reasons, therefore, it was relatively easy for me as RPL Policy
	Officer to work with both academic and management colleagues
	in generation of a consensus-based RPL policy and an agreed
	operational systems where the principle of subsidiarity to the
	individual academic programme is paramount.
What	
operational/technical	In general it is reasonable to argue that virtually all higher
operational/technical	education providers in Ireland have some familiarity with RPL

<b></b>	
shifts have you	and have integrated it into their systems, even if it is primarily
noticed?	for access/entry or transfer purposes.
	Most providers have RPL information for applicants on their
	websites and in their documentation.
	Most have discrete RPL policies or subscribe to those of
	HETAC/QQI.
	Most providers are competent in assessment of prior learning
	towards module exemptions and in the use of RPL credits.
	RPL applicants are increasingly competent in developing
	portfolios and in maintaining records of their own training and
	learning, particularly in regulated occupations and professions.
	Most providers can track RPL within student record systems and
	generate statistical reports on RPL activity.
	In relation to evidence to date, it would appear that older
	students who engage with RPL are likely to persist and to achieve
	slightly better outcomes than the normal, full-time school leaver
	cohort.
	The temptation here is to predict more of the same. But this
What is your	would not necessarily be a bad thing, given the organic and
prediction about RPL	responsive development of RPL so far. The danger in the past
practice in the next	
five to ten years?	was that APEL/RPL was generally regarded as a good solution in
	search of a problem and that there was really no demand for it.
	But the twenty-first century adult is likely to change 'career'
	more than once their working lives and likely to experience
	periods of unemployment. They are likely too, to be mobile and
	to work in more than one region or country. The individual
	therefore is likely to be more self-enterprising than heretofore
	with a need for more pro-active engagement with new learning
	and new skills, perhaps with RPL as a starting point.
	Likewise providers are likely to deal with a more diverse learning
	population with requests for RPL from both local and non-
	national applicants on an increasing scale.
	If there is an economic and employment improvement in the
	near future there may be additional requests from employers for
	RPL as an element of HRD.
	If there is no economic improvement there is likely to be
	continued use of RPL for labour market activation, re-skilling and
	up-skilling towards growth sectors. This will further cement the
	emergence of a new social dialogue and new civil partnerships
	among education providers, the labour market and government.
	Invariably a small number of individuals will seek RPL for
	personal reasons regardless of the economic context.
	It is unlikely that a fully-fledged national RPL policy or strategy
	will emerge any time soon given the trust and confidence of

	stakeholders in current arrangements and the more inclusive model of dialogue emerging among stakeholders as a result of the unemployment crisis.
Any other remarks you would like to make?	I would like to acknowledge the development work on APEL/RPL in Ireland by the Irish Higher Education APEL Network in the late 1990s and the significant ground-breaking scholarly and practical contribution of individuals in the DIT, in CIT, in WIT, LIT and the UUJ in particular. The support and facilitation provided by the original National Qualifications Authority deserves acknowledgement as does the significant contributions to RPL processes developed by The National Rehabilitation Board, The National Adult Literacy Agency, An Bórd Altranais and Engineers Ireland in particular. Personally I would like to acknowledge the contribution to RPL in Ireland made by the academic, management and administrative staff of the DIT who were ever-generous and open-minded in their approach to the development of RPL policies and procedures which are both exemplary and sustainable.

#### Resources and publications recommended by the respondent:

EGFSN (2011) *Developing Recognition of Prior Learning (RPL): the role of RPL in the context of the national skills strategy up-skilling objectives* http://www.skillsireland.ie/media/egfsn110411-developing-recognition-of-prior-learning.pdf

Scattergood, J. (2011) Recognition of prior learning in the university sector; policy, case studies and issues arising

http://www.nfgnetwork.ie/fileupload/FIN%20REPORT%20%28Final%29.pdf

National Strategy for Higher Education 2030 (Hunt report) (2011) http://www.hea.ie/sites/default/files/national-strategy-for-higher-education-2003.pdf

Murphy, A. (2011 and 2012) *RPL Matters in the DIT: policy and practice guides for staff, parts 1 & 2* 

<u>http://arrow.dit.ie/cgi/viewcontent.cgi?article=1001&context=ltcrep</u> <u>http://arrow.dit.ie.cgi/viewcontent.cgi?filename=)&article=1001&context=ltcrep&type=addition</u> <u>al</u>

UNESCO Guidelines for the recognition, validation and accreditation of the outcomes of nonformal and informal learning http://unesdoc.unesco.org/images/0021/002163/216360e.pdf Level 3, Vol. 11 [2018], Iss. 1, Art. 1