# What can we learn from innovators and creators about transformative learning?



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#### Introduction

- This contribution explores the training potentials in situations of crisis in two exceptional situations:
  - when the training integrates survival techniques (material, physical or both)
  - when it involves creative activity.
- On this occasion, the notion of "perspective transformation" is associated to other approaches.

#### Plan

- Formative potentialities of crisis:
  - guide lines for survival apprenticeship.
- Theoretical implications of transformative learning.
- Creative moment and transformative learning.
- What perspectives ?

guide lines for survival apprenticeship

### guide lines for survival apprenticeship

 Our work on training commitment amongst individuals going through a transitional period affecting their lifestyles and their social affiliations (joblessness, going into retirement, prison, participation in addiction cure programs...)

### guide lines for survival apprenticeship

- We were particularly interested in the two following models :
  - "Classical" models stipulated by a given institution and which, more often than not, give way to reserved commitment.
  - Experimental models based on voluntary participation of both users and professionals.

### guide lines for survival apprenticeship

- the effects of an organisational context which is itself in crisis
- In certain conditions such as the experimental models the model could have a mediation function in the elaboration of and the "emergence" from the crisis.

# Theoretical implications of transformative learning

## Theoretical implications of transformative learning

#### Three theoretical domains:

- the role of informal learning within the dynamics of transformative learning
- the role of social representations in learning
- The self-training concept (autoformation)

### The role of informal learning within the dynamics of transformative learning

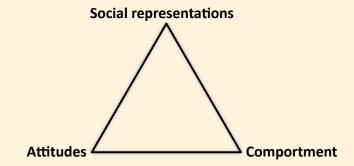
- What kind of knowledge?
  - knowledge produced in every day relations
  - action knowledge
  - knowledge produced by significant experience
  - existential knowledge.
- The informal learning: as the dark matter of learning
  - a resource that is both dispersed and difficult to identify
  - that we mobilise as soon as we have to invent original solutions to a specific problem, especially in matters of survival.
- Present in this domain is the "situated learning" (Schön, 1996) which is equally attentive to the social dimension of learning that is culturally organised and participative (Billett, 2004; Dasen, 2004; Lave & Wenger, 1991).

# the role of social representations in transformative learning The theory

- The theory of social representations and their transformation (Moscovici, 1994).
- representations are the principal vector within the social influence process.
- All transformation necessarily implies the transformation of representations.

• The emergence of possible transformative learning dynamics when we are faced with an unusual experience is situated within this moment of destabilisation of representations.

- For example : ...



#### destabilisation of representation of what?

- representations on what if means to learn
- representations on the value of learning
- Representations on the objects of knowledge
- Representation of self as an individual capable of learning, of the other as a reference person.

#### New experience and transformative of attitudes

This "reassessment" of representations that have been stabilised over time affect at the same time :

- our "relationship to learning"
- our attitudes concerning knowledge, self, the other
- our tendency to commit or not to a voluntary action of learning.

Level representations in life stories and dilemma



#### Transformative learning and selftraining (autoformation)

- The paradigm of self-training has since the 1980s undergone important developments in France, Quebec and elsewhere (Tremblay, 2003; Pineau, 1983)
- This concept sees training as a process of individual or collective transformation.
  - training by others (formal learning)
  - training with others and in relation to the environment ("eco-training"),
  - "self-training whereby the individual reflects on the influence of the other two forms of learning.

#### Transformative learning and selftraining (autoformation)

The deinstitutionalisation of the relationship to learning (in which we are particularly interested) contributes to the development of a learning dynamic centred on the ecotraining pole.

- Recent research (Bezille, 2009) have explored learning that occurs unintentionally ("on the occasion of") or voluntarily ("self-taught") by individuals passionately engaged in a project, an activity or work (art, research, hobby).
- Analysing learning biographies or autobiographies, or diverse written records (such as correspondence) produced by innovators, creators, researchers, shows how informal learning accompanies the work production process.

- These studies highlight how creative activity, the overcoming of an existential crisis and transformative learning complement each other.
- They also contribute towards renewing our perceptions on the importance of learning in the most ordinary situations in which both individuals and groups find themselves.

- Freud's approach provides an exemplary demonstration of these "ways of doing" that are characteristic of the creative process which associates work production, self production and self-learning.
- This example elucidates the key role of existential learning (the experience of solitude, the loss of reference points, of "being on the threshold", on the creative resolution of the crisis.

- While analysing the links between personal life, the hardships experienced and the theoretical developments of Freud, Anzieu describes the creative process as a succession of hardships which lead the individual to the most intimate part of self.
- The moment of internal crisis is also that of creative "take-off" and one of intensive production.

- Freud demonstrates a basic desire for self knowledge and for truth which has a philosophical dimension.
- Seen in this light, the training is in step with the *Bildung* tradition which implies working on self, cultivating one's talents by one's self perfection (Fabre, 1994).
- This model is the "novel of apprenticeship" (example: Wilheim Meister by Goethe), the story on training which features an individual's training through life experiences.
- Goethe would have a decisive influence on the Freudian orientation

#### Using anything and everything at one's disposal

Freud shows the same characteristics as those found amongst creators and "expert self-learners" which consist in "using anything and everything at one's disposal":

- artistic resources (especially during his travels to Italy)
- Sciences
- literature
- informal exchanges
- self analysis
- observation of diverse every day trivial events
- the therapy of his patients.

### the relation that one holds to the environment and its resources.

- risk taking
- tolerance of incertitude
- attraction for experimentation
- great liberty with epistemological conventions and conformities.
- Great liberty with usage of relations to accompany the production of his work

#### What perspectives?

- The approach proposed takes on a critical perspective.
  - the limits of a highly standardised approach to training
  - reflexivity is not necessarily at the centre of learning
  - brings into light the unintentional and unprogrammable models (the playing around with activity - "DIY", improvisation, experimentation, intuition ...)

#### What perspectives?

- This exploration enables us to rekindle our perceptions
  - on what learning in the most ordinary circumstances means
  - on our representations of the learner and of his mobilisation capability while learning.
  - These questions are particularly relevant for societies in mutation.

### Thank you

