

**13th International Association for Sport Information World Congress  
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**The power of game analysis : the Brazil case.**

**Dr. Istvan Gorgenyi**

Sports consultant, Hunting Territory  
Australia



## Presentation Overview

This presentation is about:

- A tool, a special game video analysis (the Hunting Territory® Game Analysis) that helps to understand team performance from a group dynamics point of view
- And an analysis prepared with this tool:
- **Why Brazil upset everyone at the 2006 World Cup with a poor performance by a team of great names;**
- **Why their game was “flowing” in 2002 and 2005 and why it wasn’t “flowing” in 2006.**



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## The Hunting Territory® Game Analysis

The Hunting Territory® Game Analysis is a method to assess team situation and assist:

- Live televised games and highlight shows
- Online game analysis services
- Team sport coaches / managers
  - At team-selection
  - While hiring a new player(s)
  - While wanting to improve partnership between particular players
  - While wanting to improve team performance



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## THE POWER OF GAME ANALYSIS: THE BRAZIL CASE

by Dr. Istvan Gorgenyi

### The Hunting Territory® Game Analysis

The Hunting Territory® Game Analysis focuses on:

- **Discovering the hidden group dynamic processes** of team life that influence **team performance**
- The **distribution and use of space** within the team ("hunting territories")
- The players' **communication and co-operation** during games
- The **informal network** of teams

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Building High-Performance Teams

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## the brazil case

A comparative case study of the Brazil football team covering:

World Cup, South Korea - Japan  
2002  
Confederation Cup, Germany  
2005  
World Cup, Germany  
2006

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### the brazil case

#### Brief history:

**2002. Brazil winner of World Cup**

Main players of our analysis:

**Ronaldo, Rivaldo, Cafu (C), Roberto Carlos, Ronaldinho, Ze Roberto, Lucio** - Coach: Luiz Felipe Scolari

**2005. Brazil winner of Confederation Cup**

Main players of our analysis:

**Ronaldinho (C), Kaká, Adriano, Ze Roberto, Lucio, Robinho, Cicinho** - Coach: Carlos Alberto Parreira

**2006. Brazil exit in the quarter finals**

Main players of our analysis:

**Ronaldo, Cafu (C), Roberto Carlos, Ronaldinho, Kaká, Adriano, Ze Roberto, Lucio, Robinho** - Coach: C. A. Parreira

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### the brazil case

#### "The Flowing Game"

It is "flowing" when players:

- **Minds are focused on performance and co-operation**
- **Read each other and the opposition players**
- **Space and support is provided by complementary moves**
- **Are skilled and fit**

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### the brazil case

#### "The Flowing Game"

It is not "flowing" when players:

- **Don't want to play the "flowing game" or**
- **Focus is diverted by rivalry, by lack of commitment or by disengaging tactics**
- **Play with tunnel vision**
- **Are not skilled or fit enough**

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# the brazil case

**"The Flowing Game"**  
Confederation Cup 2005

- Adriano, Ronaldinho, Robinho and Kaká **shared territories** with harmonious **complementary moves**
- They **read and supported each other** with anticipation and great passes
- They had a **strong partnership** including Ze Roberto and Cicinho

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BRA vs ARG 2005     The Flowing Game

Footage from SBS Television     Game analysis by Istvan Gorgenyi

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# the brazil case

## "The Flowing Game"

World Cup 2006

- The game was rarely "flowing"
- Ronaldo **occupied** a big part of the **territories** that were shared between Adriano, Ronaldinho, Robinho and Kaká in 2005
- Robinho played 20-30 minutes per game; Cafu took Cicinho's place
- Cafu **ran up with practically every attack** making it almost impossible for Adriano and Kaká to open to the wing

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BRA-FRA World Cup 2006

Footage from SBS Television  
Game analysis by Istvan Gorgenyi

90:16  
BRA 0 - 1 FRA

Ronaldo's territory '02-06

He had this territory because he used to be able to score from here

Ronaldo

A screenshot from a soccer game between Brazil and France during the 2006 World Cup. The score is 0-1 in favor of France at the 90:16 mark. A red dashed circle highlights the penalty area, labeled as 'Ronaldo's territory '02-06'. A text box explains that Ronaldo had this territory because he used to be able to score from there. A red callout bubble points to Ronaldo on the field.

BRA-FRA World Cup 2006

Footage from SBS Television  
Game analysis by Istvan Gorgenyi

90:16  
BRA 0 - 1 FRA

Ronaldo's territory '02-06

When he *held the ball and moved*, he drew several defenders on himself and opened space for others to enter and then he could even pass to the free person

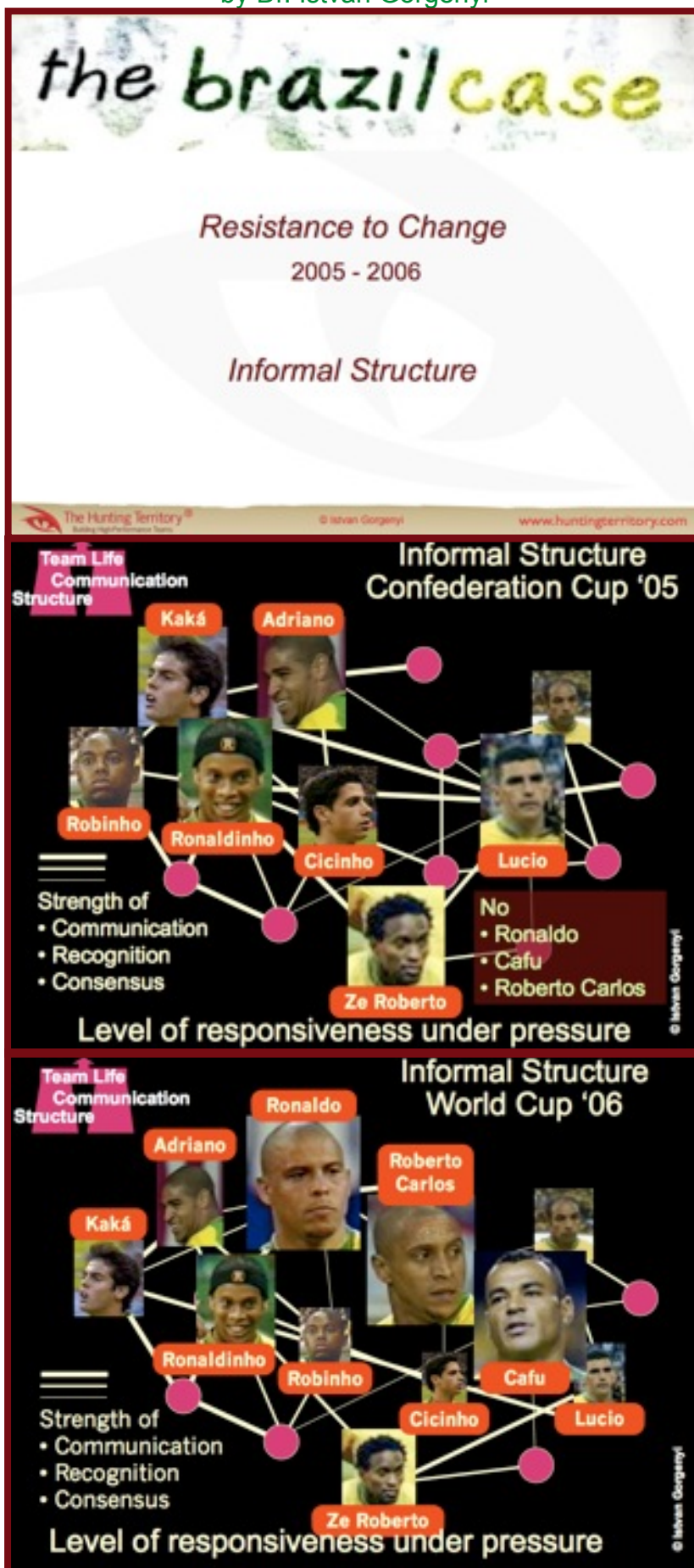
When he *held the space and did not move* and kept loosing the ball, he blocked the path towards the goal-scoring area and paralysed the whole attack

Ronaldo

A screenshot from a soccer game between Brazil and France during the 2006 World Cup, showing the same penalty area as the previous image. Two text boxes provide analysis: one explains that when Ronaldo held the ball and moved, he drew defenders and created space for others; the other explains that when he held the space and lost the ball, he blocked the path to the goal and paralyzed the attack. A red callout bubble points to Ronaldo.

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### Conclusions:

A **group dynamics game analysis** before and during the World Cup 2006 **could have assisted** in:

- Providing the **necessary space** for Ronaldinho, Adriano, Kaká and Robinho
- Giving **more care** and **playing time** to the **strong**, successful **sub-group** of 2005 (Ronaldinho, Adriano, Kaká, Robinho and Cicinho)
- Making the **hierarchy** of the team **more dynamic**, more motivating



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### Dr Istvan Gorgenyi

#### Consulting and education - main work in sport

- **Football (soccer) - teams' group dynamic analysis through game video analysis**
  - **Socceroos - Confederation Cup 2005, World Cup 2006** - consulting and comparative case study for Football Federation Australia / Sport Knowledge Australia
  - **'Brazil Case'** - documentary about Brazil's Football Team
  - **Ongoing research**
- **Rugby League - group dynamic analysis through game video analysis**
  - **Sydney Roosters 2007 season**
- **Consulting / Mentoring - UK**
  - **GB Women's Hockey team**
  - **GB Equestrian Eventing team**
- **Coaching courses - Australia, UK**
  - **Sport Knowledge Australia, UK Sport, Australian Institute of Sport, Victorian Institute of Sport, New South Wales Institute of Sport**



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## THE POWER OF GAME ANALYSIS: THE BRAZIL CASE

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### Dr Istvan Gorgenyi

With the HT® method champion teams in three countries in 18 - 22 month  
(Hungary, France men's club-titles; Australia women's Olympic gold)

- **Water polo player**
  - Olympic Silver, 1972 Munich
  - World Championship title, 1973 – Belgrade
  - European Championship title, 1974 – Vienna
  - Hungarian Championship titles 1975, 1976 – Vasas SC
- **Water polo coach**
  - Olympic Gold Sydney 2000 – Australian Women's Team / National Program
  - French Championship titles, CACEL Nice 1992, 1993, 1994 - men's team
  - Hungarian Championship title – Újpest TE 1966 - men's team
- **Group and family therapist**
  - Psychiatric clinics in Hungary (1976-1988)
- **Management development and consulting**
  - Since 2004 The Hunting Territory® Institute (Sydney – Australia)
  - HT method corporate and sport consulting (Australia, UK, Hungary, Romania)
  - Management courses: Melbourne Business School; Sydney University; KPMG  
BME Akademia

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## The Hunting Territory® Institute

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